# CONNECTOR SELECTOR 

EVERY CONNECTION COUNTS

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## PERFORMANCE SPECIFICATIONS

| AMPSEAL CONNECTORS |  |  |
| :---: | :---: | :---: |
| Current: | Up to 17 amps gold, up to 8 amps tin |  |
| Temperature: | Operating at temperatures $-40^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ for gold plated, $-40^{\circ} \mathrm{C}$ to $+105^{\circ} \mathrm{C}$ for tin plated |  |
| Durability: | Mate and unmate specimens for 10 cycles at maximum rate of 600 cycles per hour. See note. |  |
| Physical Shock: | No discontinuities of 1 microsecond or longer duration. TE Spec 109-26-1. Subject mated specimens to 50 G's half-sine shock pulses of 11 milliseconds duration. Three shocks in each direction applied along 3 mutually perpendicular planes, 18 total shocks. See Fig 5 in TE product document 108-1329. |  |
| Insulation Resistance: | 100 megohms minimum. TE Spec 109-28-4. Test between adjacent contacts of mated specimens. |  |
| Immersion: | Leakage current not to exceed 50 micro-amperes at 48 volts DC. TE Spec 109-74-5. Immerse specimens to a depth of 100 mm in $5 \%$ salt water at a temperature of $23 \pm 5^{\circ} \mathrm{C}$ for 1 hour. Check between adjacent circuits and each surface to reference electrode. |  |
| Random Vibration: | TE Spec 109-21-7, Condition G, except 10-500 Hz frequency range. Subject mated specimens to 10 Gs for 8 hours each plane. See note. |  |
| Voltage: | 250 volts AC |  |
| Note: Shall meet visual requirements, show no physical damage and shall meet requirements of additional tests as specified in Test Sequence in Figure 3 of TE product document 108-1329. |  |  |
| 1.3 mm (AMPSEAL) CONTACTS |  |  |
| Durability: | TE Spec 109-27. Mate and unmate specimens for 10 cycles at maximum rate of 600 cycles per hour. See note. |  |
| Current Rating: | Up to 17 amps gold, up to 8 amps tin, consult TE product document 108-1329. |  |
| Contact Retention: | TE Spec 109-30. Apply an axial load of 115 N to contacts in the axial direction with wedge lock in locked position. Contacts shall not dislodge. |  |
| Crimp Tensile Strength: | $\begin{aligned} & \text { Contact Size } \\ & \text { Size } 20 \\ & \text { Size } 18 \\ & \text { Size } 16 \end{aligned}$ | Tensile Strength <br> 80 lbs <br> 90 lbs <br> 150 lbs |

Note: Shall meet visual requirements, show no physical damage and shall meet requirements of additional tests as specified in Test Sequence in Figure 3 of TE product document 108-1329.

## PERFORMANCE SPECIFICATIONS

## AMPSEAL 16 CONNECTORS

| Current: | Up to 13 amps |
| :---: | :---: |
| Temperature: | Operating at temperatures $-40^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ |
| Durability: | 50 cycles. See note. |
| Insulation Resistance: | 20 megohms minimum. SAE J2O30 6.3. Insulation resistance at 1000 volts DC adjacent terminals measured after 60 seconds or until stabilization occurs. |
| Immersion: | IP67 rating |
| Random Vibration: | No discontinuities. See note. EIA-364-28 Subject mated specimens to 21 G's rms between 25 to 2000 Hz . Twenty hours in each of three mutually perpendicular planes. |
| Voltage: | 250 volts DC | Sequence in Figure 3 of TE product document 108-2184

## HDSF 16 (AMPSEAL 16) CONTACTS

| Durability: | SAE J2030 6.11. 50 cycles. See note. |  |
| :---: | :---: | :---: |
| Current Rating: | Up to 13 amps, consult TE product document 108-2184. |  |
| Contact Retention: | IEC 512-8, Test 51a. Apply axial load of 111 N to contacts at a maximum rate of 10 N per second (or 50 mm per minute) and hold for 10 seconds. Contacts shall not dislodge. |  |
| Crimp Tensile Strength: | USCAR $21 @ 50 \mathrm{~mm} / \mathrm{min}$  <br> Wire Gauge Tensile Strength <br> 18 AWG 90 N Min <br> 16 AWG 120 N Min <br> 14 AWG 180 N Min |  |
| Voltage Drop: | Contact Size Test Current Amps <br> Size 18 8 <br> Size 16 10 <br> Size 14 13 | ```Voltage Drop (millivolts max) 100 100 1 0 0``` |


Sequence in Figure 3 of TE product document 108-2184. USCAR is a trademark.

## CIRCULAR DIN CONNECTORS



## PERFORMANCE SPECIFICATIONS

## DEUTSCH CONNECTORS

| Temperature: | Operating at temperatures $-55^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ |  |  |
| :---: | :---: | :---: | :---: |
| Durability: | No electrical or mechanical defects after 100 cycles of engagement and disengagement. |  |  |
| Insulation Resistance: | 1000 megohms minimum at $25^{\circ} \mathrm{C}$. |  |  |
| Immersion: | IP68 rating |  |  |
| Vibration: | No unlocking or unmating and exhibits no mechanical or physical damage after sinusoidal vibration levels of 20 G 's at 10 to 2000 Hz in each of the three mutually perpendicular planes. No electrical discontinuities longer than 1 microsecond. |  |  |
| Dielectric Withstanding Voltage: | Current leakage less than 2 milliamps at 1500 volts AC. |  |  |
| Fluid Resistance: | Connectors show no damage when exposed to most fluids used in industrial applications. |  |  |
| Moisture Resistance: | Properly wired and mated connections will withstand immersion under three feet of water without loss of electronic qualities or leakage. |  |  |
| Thermal Cycle: | No cracking, chipping or leaking after 20 test cycles from $-55^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$. |  |  |
| DEUTSCH CONTACTS |  |  |  |
| Durability: | No electrical or mechanical defects after 100 cycles of engagement and disengagement. |  |  |
| Current Rating: (Contact current rating at $125^{\circ} \mathrm{C}$ continuous) | Contact Size Max. Current <br> Size 20 7.5 amps <br> Size 16 13 mps <br> Size 12 25 amps <br> Size 8 60 amps <br> Size 4 100 amps |  |  |
| Contact Retention: <br> (Contacts withstand a minimum load of) | $20 \mathrm{lbs}(89 \mathrm{~N}$ ) for size 20 25 lbs ( 111 N ) for size 16 30 lbs (133 N) for size 12 35 lbs ( 156 N ) for size 8 35 lbs ( 156 N ) for size 4 |  |  |
| Crimp Tensile Strength: | Contact Size Tensile Strength (Solid) <br> Size 20 20 lbs <br> Size 16 25 lbs <br> Size 12 70 lbs <br> Size 8 90 lbs <br> Size 4 300 lbs | ```Tensile Strength (S&F) 2 0 ~ l b s 2 5 ~ l b s 7 0 ~ l b s N/A N/A``` |  |
| Contact Millivolt Drop: | Contact Size Test Current Amps <br> Size 20 7.5 <br> Size 16 13 <br> Size 12 25 <br> Size 8 60 <br> Size 4 100 <br> *less drop through wire  | ```Millivolt Drop* (Solid) 6 0 6 0 6 0 6 0 6 0``` | $\begin{aligned} & \text { Millivolt Drop* (S\&F) } \\ & 100 \\ & 100 \\ & 100 \end{aligned}$ |

## PERFORMANCE SPECIFICATIONS

## HDSCS CONNECTORS

| Current: | Up to 40 amps |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Temperature: | Operating at temperatures $-40^{\circ} \mathrm{C}$ to $+140^{\circ} \mathrm{C}$ |  |  |  |  |  |
| Durability: | Up to 10 cycles (tin), up to 50 cycles (silver), up to 100 cycles (gold), see individual product specifications for additional details. |  |  |  |  |  |
| Insulation Resistance: | 500 volts DC, test acc. to ISO 16750-2 (4.12). |  |  |  |  |  |
| Immersion: | IP67 rating, IP6K9K with cover, for tab housings with flange, only by observing mounting instructions. |  |  |  |  |  |
| Random Vibration: | No physical damage of housings and contacts, no derogation of function; the connection may not open at $177 \mathrm{~m} / \mathrm{s}^{2}, 94$ hours for each of the three axes. See product specification 108-94020 for full specifications. |  |  |  |  |  |
| Voltage: | Up to 42 volts DC |  |  |  |  |  |
| Dielectric Withstanding Voltage: | No flash over or breakdown between adjacent contacts and outer contour of the housing permitted at 500 volts AC and 50 or 60 Hz for 60 seconds. |  |  |  |  |  |
| Flammability: | Product with UL 94 VO rated material is available |  |  |  |  |  |
| AMP MCP (HDSCS) CONTACTS |  |  |  |  |  |  |
| Durability: | 10 cycles (tin) 50 cycles (silver) 100 cycles (gold) |  |  |  |  |  |
| Current Rating: | $\begin{aligned} & \text { Contact Size } \\ & 1.5 \mathrm{~K} \\ & 2.8 \\ & 6.3 / 4.8 \mathrm{~K} \end{aligned}$ | Max. Current up to 20 amps up to 40 amps up to 40 amps |  |  |  |  |
| Contact Retention: | $\begin{aligned} & \text { Contact Size } \\ & 1.5 \mathrm{~K} \\ & 2.8 \\ & 6.3 / 4.8 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & \text { Min. Load } \\ & 40 / 60 \mathrm{~N} \\ & 80 \mathrm{~N} \\ & 80 \mathrm{~N} \end{aligned}$ |  |  |  |  |
| Crimp Tensile Strength: | Contact Size 1.5K <br> $.22 \mathrm{~mm}^{2}$ <br> $.35 \mathrm{~mm}^{2}$ <br> $.50 \mathrm{~mm}^{2}$ <br> $.75 \mathrm{~mm}^{2}$ <br> $1.0 \mathrm{~mm}^{2}$ <br> $1.25 \mathrm{~mm}^{2}$ <br> $1.5 \mathrm{~mm}^{2}$ | Tensile Strength $\begin{aligned} & \geq 32 \mathrm{~N} \\ & \geq 50 \mathrm{~N} \\ & \geq 60 \mathrm{~N} \\ & \geq 85 \mathrm{~N} \\ & \geq 108 \mathrm{~N} \\ & \geq 135 \mathrm{~N}(16 \text { AWG) } \\ & \geq 135 \mathrm{~N} \end{aligned}$ | Contact Size <br> 2.8 <br> $.22 \mathrm{~mm}^{2}$ <br> $.35 \mathrm{~mm}^{2}$ <br> $.50 \mathrm{~mm}^{2}$ <br> $.75 \mathrm{~mm}^{2}$ <br> $1.0 \mathrm{~mm}^{2}$ <br> $1.5 \mathrm{~mm}^{2}$ <br> $2.5 \mathrm{~mm}^{2}$ | Tensile Strength $\begin{aligned} & \geq 28 \mathrm{~N} \\ & \geq 50 \mathrm{~N} \\ & \geq 60 \mathrm{~N} \\ & \geq 85 \mathrm{~N} \\ & \geq 108 \mathrm{~N} \\ & \geq 150 \mathrm{~N} \\ & \geq 200 \mathrm{~N} \end{aligned}$ | Contact Size <br> 6.3./4.8K <br> $.35 \mathrm{~mm}^{2}$ <br> $.50 \mathrm{~mm}^{2}$ <br> $.75 \mathrm{~mm}^{2}$ <br> $1.0 \mathrm{~mm}^{2}$ <br> $1.5 \mathrm{~mm}^{2}$ <br> $2.5 \mathrm{~mm}^{2}$ <br> $4.0 \mathrm{~mm}^{2}$ <br> $6.0 \mathrm{~mm}^{2}$ | Tensile Strength $\begin{aligned} & \geq 50 \mathrm{~N} \\ & \geq 60 \mathrm{~N} \\ & \geq 85 \mathrm{~N} \\ & \geq 108 \mathrm{~N} \\ & \geq 150 \mathrm{~N} \\ & \geq 200 \mathrm{~N} \\ & \geq 310 \mathrm{~N} \\ & \geq 450 \mathrm{~N} \end{aligned}$ |

## PERFORMANCE SPECIFICATIONS

## LEAVYSEAL CONNECTORS



## SUPERSEAL 1.0 CONNECTORS

| Current: | Up to 15 amps |
| :---: | :---: |
| Temperature: | Operating at temperatures $-40^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ |
| Durability: | After cap housing is connected, the plug housing is mated and then 78.4 N force is applied in a rocking motion. 25 test cycles. |
| Insulation Resistance: | 100 megohms minimum. Test between adjacent contacts and between contact and earth with insulation resistance meter of 500 volts DC. |
| Immersion: | Per JIS DO203 |
| Random Vibration: | Tested in each of three mutually perpendicular axis. See Fig 8 in product document 108-78140. |
| Voltage: | 250 volts AC, DC |
| Dielectric Withstanding Voltage: | Insulation does not breakdown at 1000 volts AC or 1600 volts DC for duration of 1 minute between contacts and between contact and earth. |
|  | 1.0 mm (SUPERSEAL) CONTACTS |
| Durability: | 25 cycles, per "Kojiri" (rocking motion) durability test |
| Current Rating: | Up to 15 amps, consult TE product specification 108-78140 |
| Contact Retention: | $1.0 \mathrm{~mm} \geq 58.8 \mathrm{~N}$ (between contact and housing) |
| Crimp Tensile Strength: | Contact Size Tensile Strength <br> $.5 \mathrm{~mm}^{2}$ $\geq 88.2 \mathrm{~N}$ <br> $.85 \mathrm{~mm}^{2}$ $\geq 127.4 \mathrm{~N}$ <br> $1.25 \mathrm{~mm}^{2}$ $\geq 176.4 \mathrm{~N}$ |



Not protected

Protected against solid objects greater than 50 mm (ex. back of hand)

2


Protected against solid objects greater than 12.5 mm (ex. finger)

Protected against solid objects greater than 2.5 mm (ex. tool)


Not protected


Protected against vertically dripping water

2ND
DIGIT AGAINST WATER


Protected against powerfully jetting water with increased pressure (Automotive)


## Protected

against the temporary effects of immersion up to 1 meter

9K


## Protected

 against continued submersion agreed with customer, but more severe than code 7Protected against high-pressure/ stream-jet cleaning (Automotive)

Protected
against spraying
water (up to $60^{\circ}$
inclination)


Protected
against splashing
water with in-
creased pressure

Protected against splashing water

Protected
against jetting water

Protected
against powerful-
ly jetting water
4


## AWG CONVERSION TABLE

| AWG CODE | DIAMETER (in.) | DIAMETER (mm) | F ( $\mathrm{mm}^{2}$ ) |
| :---: | :---: | :---: | :---: |
| 0000 | 0.4600 | 11.684 | 103.8 |
| 000 | 0.4096 | 10.40 | 79.0 |
| 00 | 0.3648 | 9.27 | 67.5 |
| 0 | 0.3249 | 8.25 | 53.4 |
| 1 | 0.2893 | 7.34 | 42.2 |
| 2 | 0.2576 | 6.55 | 33.7 |
| 3 | 0.2294 | 5.82 | 26.6 |
| 4 | 0.2043 | 5.18 | 21.0 |
| 5 | 0.1819 | 4.62 | 16.9 |
| 6 | 0.1620 | 4.115 | 13.25 |
| 7 | 0.1443 | 3.66 | 10.25 |
| 8 | 0.1285 | 3.26 | 8.34 |
| 9 | 0.1144 | 2.90 | 6.6 |
| 10 | 0.1019 | 2.59 | 5.27 |
| 11 | 0.0907 | 2.30 | 4.15 |
| 12 | 0.0808 | 2.05 | 3.3 |
| 13 | 0.0720 | 1.83 | 2.63 |
| 14 | 0.0641 | 1.63 | 2.08 |
| 15 | 0.0571 | 1.45 | 1.65 |
| 16 | 0.0508 | 1.29 | 1.305 |
| 17 | 0.0453 | 1.14 | 1.01 |
| 18 | 0.0403 | 1.02 | 0.79 |
| 19 | 0.0359 | 0.91 | 0.65 |
| 20 | 0.0320 | 0.81 | 0.51 |
| 21 | 0.0285 | 0.72 | 0.407 |
| 22 | 0.0253 | 0.64 | 0.32 |
| 23 | 0.0226 | 0.57 | 0.255 |
| 24 | 0.0201 | 0.51 | 0.205 |
| 25 | 0.0179 | 0.455 | 0.162 |
| 26 | 0.0159 | 0.40 | 0.125 |
| 27 | 0.0142 | 0.36 | 0.102 |
| 28 | 0.0126 | 0.32 | 0.08 |



## AEC Series

- Accepts contact size 16 (13 amps)
- 14-20 AWG (2.50-0.50 mm²)
- 40 cavity arrangement
- In-line mount
- Square, thermoplastic housing
- Jackscrew for mating


## AMPSEAL Connectors

- Accepts contact size 1.3 mm (up to 17 amps gold, up to 8 amps tin)
- 16-20 AWG (1.25-0.50 $\mathrm{mm}^{2}$ )
- $8,14,23$, and 35 cavity arrangements
- PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Integrated wedgelock confirms contact alignment and retention
- Product specification documents: 108-1329 and 114-16016


## AMPSEAL 16 Connectors

- Accepts contact size HDSF 16 (up to 13 amps)
- 14-20 AWG (2.50-0.50 mm²)
- $2,3,4,6,8$, and 12 cavity arrangements
- In-line mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Integrated Primary Latch Reinforcement (PLR) confirms contact alignment and retention
- Product specification documents: 108-2184, 114-13045, and 114-13065


## Circular DIN Connectors

- Accepts contact size 2.5 mm (up to 40 amps )
- 2.50-0.20 mm²
- 2,3 , and 4 cavity arrangements
- In-line, flange, or PCB mount
- Circular, thermoplastic housing
- Coupling ring for mating
- Product specification documents: 108-18621 and 114-18255


## SERIES OVERVIEW



## DRB Series

- Accepts contact sizes 4 (100 amps), 8 ( 60 amps ), 12 ( 25 amps ), 16 ( 13 amps ), and 20 ( 7.5 amps )
- 6-22 AWG (16.00-0.35 mm²)
- $48,60,102$, and 128 cavity arrangements
- Flange mount
- Rectangular, thermoplastic housing
- Jackscrew for mating
- Wedgelocks confirm contact alignment and retention


## DRC Series

- Accepts contact sizes 16 ( 13 amps ), and 20 ( 7.5 amps )
- 14-22 AWG (2.50-0.35 mm²)
- $24,38,40,50,60,64,70$, and 76 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Jackscrew for mating

DT Series

- Accepts contact size 16 (13 amps)
- 14-20 AWG (2.50-0.50 mm²)
- $2,3,4,6,8$, and 12 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention
- Product specification document: 108-151009


## DTHD Series

- Accepts contact sizes 4 (100 amps), 8 ( 60 amps ), and 12 (25 amps)
- 6-14 AWG (16.00-2.00 $\mathrm{mm}^{2}$ )
- 1 cavity arrangement
- In-line or flange mount
- Circular, thermoplastic housing
- Integrated latch for mating


## DTM Series

- Accepts contact size 20 ( 7.5 amps )

- 14-22 AWG (2.50-0.35 mm²)
- $2,3,4,6,8$, and 12 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention
- Product specification document: 108-151010


## DTP Series

- Accepts contact size 12 (25 amps)
- 10-14 AWG (6.00-2.00 mm²)
- 2 and 4 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention

DTV Series

- Accepts contact size 16 (13 amps)
- 14-20 AWG (2.50-0.50 mm²)
- 18 cavity arrangement
- Flange mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention


## HD10 Series

- Accepts contact sizes 4 (100 amps), 12 (25 amps), and 16 (13 amps)
- 6-20 AWG (16.00-0.50 $\mathrm{mm}^{2}$ )
- $3,4,5,6$, and 9 cavity arrangements
- In-line, flange, or PCB mount
- Circular, thermoplastic housing
- Coupling ring for mating


## SERIES OVERVIEW



## HD30 Series

- Accepts contact sizes 4 (100 amps), 8 (60 amps), 12 (25 amps), 16 (13 amps), and 20 (7.5 amps)
- 6-22 AWG (13.00-0.35 mm²)
- $2,6,8,9,14,16,18,19,20,21,23,29,31,33,35$, and 47 cavity arrangements
- In-line or flange mount
- Circular, aluminum housing
- Coupling ring for mating


## HDP20 Series

- Accepts contact sizes 4 ( 100 amps ), 8 ( 60 amps ), 12 ( 25 amps ), 16 ( 13 amps ), and 20 ( 7.5 amps )
- 4-22 AWG (25.00-0.35 mm²)
- $2,6,7,8,9,14,16,18,19,20,21,23,29,31,33,35$, and 47 cavity arrangements
- In-line or flange mount
- Circular, thermoplastic housing
- Coupling ring for mating


## HDSCS Connectors

- Accepts contact sizes 6.3 (up to 40 amps), 2.8 (up to 40 amps), and 1.5 K (up to 20 amps)
- 6.00-0.20 mm²
- $2,3,4,6,7,8,10,12,15,16$, and 18 cavity arrangements
- In-line or flange mount
- Rectangular, thermoplastic housing
- Slide lock for mating
- Integrated secondary lock confirms contact alignment and retention
- Product specification documents: 108-94020 and 114-18756


## LEAVYSEAL Connectors

- Accepts contact sizes 6.3 (up to 40 amps), 2.8 (up to 40 amps), and 1.5 K (up to 20 amps )
- 6.00-0.20 mm²
- $15,18,21,22,26,29,31,39,46,62$, and 92 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Lever for mating
- Integrated secondary lock confirms contact alignment and retention
- Product specification documents: 108-18696 and 114-18376


## STRIKE Series



- Accepts contact sizes 16 (13 amps) and 20 ( 7.5 amps )
- 14-22 AWG (2.50-0.35 $\mathrm{mm}^{2}$ )
- 32 and 64 cavity arrangements
- In-line, flange, or PCB mount
- Square, thermoplastic housing
- Lever for mating
- TPA confirms contact alignment and retention


## Superseal 1.0 Connectors

- Accepts contact size 1.0 mm (up to 15 amps )
- $\quad 1.25-0.50 \mathrm{~mm}^{2}$
- 26,34 , and 60 cavity arrangements
- PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- TPA confirms contact alignment and retention
- Product specification documents: 108-78140 and 114-78011


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{z}{2}$ |  | DTCE Series |  |  |
|  | 4 | Recept., DTCE, 1 way, black, end cap | DTCE04-1-4P-E003 | N/A |
|  | 4 | Recept., DTCE, 1 way, black, end cap, sealed flange, inside mount | DTCE04-1-4P-LEO3 | N/A |
|  | 4 | Plug, DTCE, 1 way, black, end cap | DTCE06-1-4S-E003 | N/A |
|  |  | DTHD Series |  |  |
|  | 4 | Recept., DTHD, 1 way, black | DTHD04-1-4P | N/A |
|  | 4 | Recept., DTHD, 1 way, black, end cap | DTHDO4-1-4P-E003 | N/A |
|  | 4 | Recept., DTHD, 1 way, black, sealed flange, inside mount | DTHD04-1-4P-L009 | N/A |
|  | 4 | Recept., DTHD, 1 way, black, sealed flange, outside mount | DTHDO4-1-4P-L013 | N/A |
|  | 8 | Recept., DTHD, 1 way, black | DTHD04-1-8P | N/A |
|  | 8 | Recept., DTHD, 1 way, black, end cap | DTHD04-1-8P-E003 | N/A |
|  | 12 | Recept., DTHD, 1 way, black | DTHD04-1-12P | N/A |
|  | 12 | Recept., DTHD, 1 way, black, end cap | DTHDO4-1-12P-E003 | N/A |
|  | 4 | Plug, DTHD, 1 way, black | DTHD06-1-4S | N/A |
|  | 4 | Plug, DTHD, 1 way, black, end cap | DTHD06-1-4S-E003 | N/A |
|  | 8 | Plug, DTHD, 1 way, black | DTHD06-1-8S | N/A |
|  | 8 | Plug, DTHD, 1 way, black, end cap | DTHD06-1-8S-E003 | N/A |
|  | 12 | Plug, DTHD, 1 way, black | DTHD06-1-12S | N/A |
|  | 12 | Plug, DTHD, 1 way, black, end cap | DTHD06-1-12S-E003 | N/A |
|  | Jiffy Splices |  |  |  |
|  | 12 | Splice, Jiffy, sz. 12 | JS-12-00 | N/A |
|  | 16 | Splice, Jiffy, sz. 16 | JS-16-00 | N/A |
| 2 CAVITY CONNECTORS |  |  |  |  |
| $\frac{i}{i}$ | AMPSEAL 16 |  |  |  |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, A key, black, red PLR, standard dia. seal | 776428-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, A key, black, red PLR, standard dia. seal, reverse mount | 1717672-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, A key, black, red PLR, reduced dia. seal | 776534-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, A key, black, red PLR, reduced dia. seal, reverse mount | 1871412-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, B key, black, gray PLR, standard dia. seal | 776428-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, B key, black, gray PLR, standard dia. seal, reverse mount | 1717672-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, B key, black, gray PLR, reduced dia. seal | 776534-2 | Included |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & i \\ & \frac{i}{S} \\ & \text { N } \\ & \hline \end{aligned}$ | 1.58 mm | Cap, AMPSEAL 16, 2 way, B key, black, gray PLR, reduced dia. seal, reverse mount | 1871412-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, C key, black, yellow PLR, standard dia. seal | 776428-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, C key, black, yellow PLR, standard dia. seal, reverse mount | 1717672-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, C key, black, yellow PLR, reduced dia. seal | 776534-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, D key, black, green PLR, standard dia. seal | 776428-4 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 2 way, D key, black, green PLR, reduced dia. seal | 776534-4 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, A key, black, red PLR, standard dia. seal | 776427-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, A key, black, red PLR, reduced dia. seal | 776522-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, B key, black, gray PLR, standard dia. seal | 776427-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, B key, black, gray PLR, reduced dia. seal | 776522-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, C key, black, yellow PLR, standard dia. seal | 776427-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, C key, black, yellow PLR, reduced dia. seal | 776522-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, D key, black, green PLR, standard dia. seal | 776427-4 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 2 way, D key, black, green PLR, reduced dia. seal | 776522-4 | Included |
|  |  | Circular DIN |  |  |
|  | 2.5 mm | Header, Circular DIN, 2 way, 1 key, black, $180^{\circ}$ molded tin pins, PCB mount | 1394324-1 | N/A |
|  | 2.5 mm | Pin housing, Circular DIN, 2 way, 1 key, black | 1-967402-3 | N/A |
|  | 2.5 mm | Pin housing, Circular DIN, 2 way, 2 key, gray | 2-967402-3 | N/A |
|  | 2.5 mm | Socket housing, Circular DIN, 2 way, 1 key, black | 1-967325-3 | N/A |
|  | 2.5 mm | Socket housing, Circular DIN, 2 way, 1 key, black, secondary locking | 1-968968-3 | Included |
|  | 2.5 mm | Socket housing, Circular DIN, 2 way, 2 key, gray | 2-967325-3 | N/A |
|  | 2.5 mm | Socket housing, Circular DIN, 2 way, 2 key, gray, secondary locking | 2-968968-3 | Included |
|  | 2.5 mm | Socket housing, Circular DIN, 2 way, 3 key, green | 3-967325-3 | N/A |
|  | 2.5 mm | Socket housing, Circular DIN, 2 way, 4 key, blue | 4-967325-3 | N/A |
|  | DT Series |  |  |  |
|  | 16 | Recept., DT, 2 way, gray | DTO4-2P | W2P |
|  | 16 | Recept., DT, 2 way, gray, reduced dia. seals | DT04-2P-C015 | W2P |
|  | 16 | Recept., DT, 2 way, gray, solid rear grommet | DT04-2P-C017 | N/A |
|  | 16 | Recept., DT, 2 way, gray, reduced dia. seals, end cap | DT04-2P-CE01 | W2P |
|  | 16 | Recept., DT, 2 way, black, reduced dia. seals | DT04-2P-CE02 | W2P |
|  | 16 | Recept., DT, 2 way, black, reduced dia. seals, end cap | DT04-2P-CE03 | W2P |

ELECTRICAL CONNECTORS


ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{i}{i}$ | 16 | Recept., DT, 3 way, gray, reduced dia. seals | DT04-3P-C015 | W3P |
|  | 16 | Recept., DT, 3 way, gray, solid rear grommet | DT04-3P-C017 | N/A |
|  | 16 | Recept., DT, 3 way, gray, reduced dia. seals, end cap | DT04-3P-CE01 | W3P |
|  | 16 | Recept., DT, 3 way, black, reduced dia. seals | DT04-3P-CE02 | W3P |
|  | 16 | Recept., DT, 3 way, black, reduced dia. seals, end cap | DT04-3P-CE03 | W3P |
|  | 16 | Recept., DT, 3 way, gray, reduced dia. seals, shrink boot adapter | DT04-3P-CE04 | W3P |
|  | 16 | Recept., DT, 3 way, black, reduced dia. seals, shrink boot adapter | DT04-3P-CE09 | W3P |
|  | 16 | Recept., DT, 3 way, gray, end cap | DT04-3P-E003 | W3P |
|  | 16 | Recept., DT, 3 way, black | DT04-3P-E004 | W3P |
|  | 16 | Recept., DT, 3 way, black, end cap | DT04-3P-E005 | W3P |
|  | 16 | Recept., DT, 3 way, gray, shrink boot adapter | DT04-3P-E008 | W3P |
|  | 16 | Recept., DT, 3 way, black, shrink boot adapter | DT04-3P-EE01 | W3P |
|  | 16 | Recept., DT, 3 way, black, terminating resistor, gold pins, J1939 | DT04-3P-EP10 | Included |
|  | 16 | Recept., DT, 3 way, gray, welded flange | DT04-3P-L012 | W3P |
|  | 16 | Recept., DT, 3 way, gray, welded flange, shrink boot adapter | DT04-3P-LE08 | W3P |
|  | 16 | Recept., DT, 3 way, black, welded flange, shrink boot adapter | DT04-3P-LE12 | W3P |
|  | 16 | Recept., DT, 3 way, gray, terminating resistor, gold pins, J1939 | DT04-3P-P006 | Included |
|  | 16 | Recept., DT, 3 way, gray, "Y" connector, molded gold pins, J1939 | DT04-3P-P007 | N/A |
|  | 16 | Plug, DT, 3 way, gray | DT06-3S | W3S |
|  | 2 sz. 16 | Plug, DT, 3 way, gray, C cavity blocked | DT06-3S-C008 | W3S |
|  | 16 | Plug, DT, 3 way, gray, reduced dia. seals | DT06-3S-C015 | W3S |
|  | 16 | Plug, DT, 3 way, gray, solid rear grommet | DT06-3S-C017 | Included |
|  | 16 | Plug, DT, 3 way, gray, reduced dia. seals, end cap | DT06-3S-CE01 | W3S |
|  | 16 | Plug, DT, 3 way, black, reduced dia. seals | DT06-3S-CE02 | W3S |
|  | 16 | Plug, DT, 3 way, gray, reduced dia. seals, shrink boot adapter | DT06-3S-CE04 | W3S |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., reduced dia. seals, end cap | DT06-3S-CE05 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., reduced dia. seals | DT06-3S-CE06 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., reduced dia. seals, shrink boot adapter | DT06-3S-CE13 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., reduced dia. seals, latch guard end cap | DT06-3S-CE14 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., reduced dia. seals, flange, disabled latch | DT06-3S-CL08 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., solid rear grommet, end cap | DT06-3S-CP01 | Included |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{\grave{z}}{\frac{2}{S}}$ | 16 | Plug, DT, 3 way, gray, end cap | DT06-3S-E003 | W3S |
|  | 16 | Plug, DT, 3 way, black | DT06-3S-E004 | W3S |
|  | 16 | Plug, DT, 3 way, black, end cap | DT06-3S-E005 | W3S |
|  | 16 | Plug, DT, 3 way, gray, shrink boot adapter | DT06-3S-E008 | W3S |
|  | 16 | Plug, DT, 3 way, gray, fluorosilicone seal, latch guard end cap | DT06-3S-EF02 | W3S |
|  | 16 | Plug, DT, 3 way, gray, latch guard end cap | DT06-3S-EP05 | W3S |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., end cap | DT06-3S-EP06 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., latch guard end cap | DT06-3S-EP09 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, terminating resistor, gold sockets, end cap, J1939 | DT06-3S-EP10 | Included |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., shrink boot adapter | DT06-3S-EP11 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., reduced dia. seals, DIN backshell adapter | DT06-3S-LC01 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, gray, terminating resistor, gold sockets, end cap, J1939 | DT06-3S-P006 | Included |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret. | DT06-3S-P012 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., single piece shrink boot adapter | DT06-3S-P032 | W3S-P012 |
|  | 16 | Plug, DT, 3 way, gray, terminating resistor, gold sockets, latch guard end cap, J1939 | DT06-3S-PE01 | Included |
|  | 16 | Plug, DT, 3 way, black, enhanced seal ret., terminating resistor, gold sockets, end cap, J1939 | DT06-3S-PP01 | Included |
|  |  | DTF Series |  |  |
|  | 16 | Recept., DTF, 3 way, black, $90^{\circ}$ molded pins, flangeless PCB mount | DTF13-3P | N/A |
|  | 16 | Recept., DTF, 3 way, black, $90^{\circ}$ molded pins, flangeless PCB mount, J1939 | DTF13-3P-1939 | N/A |
|  |  | DTM Series |  |  |
|  | 20 | Recept., DTM, 3 way, gray | DTM04-3P | WM-3P |
|  | 20 | Recept., DTM, 3 way, gray, end cap | DTM04-3P-E003 | WM-3P |
|  | 20 | Recept., DTM, 3 way, black | DTM04-3P-E004 | WM-3P |
|  | 20 | Recept., DTM, 3 way, black, end cap | DTM04-3P-E005 | WM-3P |
|  | 20 | Plug, DTM, 3 way, gray | DTM06-3S | WM-3S |
|  | 20 | Plug, DTM, 3 way, black | DTM06-3S-E004 | WM-3S |
|  | 20 | Plug, DTM, 3 way, gray, shrink boot adapter | DTM06-3S-E007 | WM-3S |
|  |  | DTMH Series |  |  |
|  | 20 | Recept., DTMH, 3 way, A key, black, high temp | DTMH04-3PA | Included |
|  | 20 | Recept., DTMH, 3 way, B key, black, high temp | DTMH04-3PB | Included |
|  | $20$ | Recept., DTMH, 3 way, C key, black, high temp | DTMH04-3PC | Included |


|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{2}{2}$ | 20 | Recept., DTMH, 3 way, D key, black, high temp | DTMH04-3PD | Included |
|  | 20 | Plug, DTMH, 3 way, A key, black, high temp | DTMH06-3SA | Included |
|  | 20 | Plug, DTMH, 3 way, B key, black, high temp | DTMH06-3SB | Included |
|  | 20 | Plug, DTMH, 3 way, C key, black, high temp | DTMH06-3SC | Included |
|  | 20 | Plug, DTMH, 3 way, D key, black, high temp | DTMH06-3SD | Included |
|  |  | DTMN Series |  |  |
|  | 20 | Recept., DTMN, 3 way, black, non-environmental | DTMNO4-3P | N/A |
|  | 20 | Plug, DTMN, 3 way, black, non-environmental | DTMN06-3S | N/A |
|  |  | HD10 Series |  |  |
|  | 16 | Recept., HD10, 3 way, gray, flange, threaded rear | HD10-3-96P | N/A |
|  | 16 | Recept., HD10, 3 way, gray, in-line, non-threaded rear | HD14-3-16P | N/A |
|  | 16 | Recept., HD10, 3 way, gray, in-line, threaded rear | HD14-3-96P | N/A |
|  | 16 | Plug, HD10, 3 way, gray, non-threaded rear | HD16-3-16S | N/A |
|  | 16 | Plug, HD10, 3 way, gray, threaded rear | HD16-3-96S | N/A |
|  |  | HDSCS |  |  |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 1 key, black, sealed flange | 1-1703843-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 1 key, black | 1-1670730-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 2 key, gray, sealed flange | 2-1703843-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 2 key, gray | 2-1670730-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 3 key, green, sealed flange | 3-1703843-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 3 key, green | 3-1670730-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 4 key, blue, sealed flange | 4-1703843-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 3 way, group A, 4 key, blue | 4-1670730-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 3 way, group A, 1 key, black, black key | 1-1418448-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 3 way, group A, 2 key, black, gray key | 2-1418448-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 3 way, group A, 3 key, black, green key | 3-1418448-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 3 way, group A, 4 key, black, blue key | 4-1418448-1 | Included |

4 CAVITY CONNECTORS

| + | AMPSEAL 16 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, A key, black, red PLR, standard dia. seal | 776488-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, A key, black, red PLR, standard dia. seal, reverse mount | 1717674-1 | Included |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \grave{2} \\ & \frac{8}{⿺} \\ & i \end{aligned}$ | 1.58 mm | Cap, AMPSEAL 16, 4 way, A key, black, red PLR, reduced dia. seal | 776536-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, A key, black, red PLR, reduced dia. seal, reverse mount | 1871414-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, B key, black, gray PLR, standard dia. seal | 776488-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, B key, black, gray PLR, standard dia. seal, reverse mount | 1717674-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, B key, black, gray PLR, reduced dia. seal | 776536-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, B key, black, gray PLR, reduced dia. seal, reverse mount | 1871414-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, C key, black, yellow PLR, standard dia. seal | 776488-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, C key, black, yellow PLR, standard dia. seal, reverse mount | 1717674-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, C key, black, yellow PLR, reduced dia. seal | 776536-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, D key, black, green PLR, standard dia. seal | 776488-4 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 4 way, D key, black, green PLR, reduced dia. seal | 776536-4 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, A key, black, red PLR, standard dia. seal | 776487-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, A key, black, red PLR, reduced dia. seal | 776524-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, B key, black, gray PLR, standard dia. seal | 776487-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, B key, black, gray PLR, reduced dia. seal | 776524-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, C key, black, yellow PLR, standard dia. seal | 776487-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, C key, black, yellow PLR, reduced dia. seal | 776524-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, D key, black, green PLR, standard dia. seal | 776487-4 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 4 way, D key, black, green PLR, reduced dia. seal | 776524-4 | Included |
|  |  | Circular DIN |  |  |
|  | 2.5 mm | Header, Circular DIN, 4 way, 1 key, black, $180^{\circ}$ molded gold pins, PCB mount, no vent disk | 1241598-1 | N/A |
|  | 2.5 mm | Header, Circular DIN, 4 way, 1 key, black, $180^{\circ}$ molded tin pins, PCB mount | 1394324-2 | N/A |
|  | 2.5 mm | Header, Circular DIN, 4 way, 1 key, black, $180^{\circ}$ molded gold pins, PCB mount | 1394324-3 | N/A |
|  | 2.5 mm | Header, Circular DIN, 4 way, 1 key, black, $180^{\circ}$ molded tin pins, PCB mount, ferrite disk | 1703780-1 | N/A |
|  | 2.5 mm | Pin housing, Circular DIN, 4 way, 1 key, black | 1-967402-1 | N/A |
|  | 2.5 mm | Pin housing, Circular DIN, 4 way, 2 key, gray | 2-967402-1 | N/A |
|  | 2.5 mm | Pin housing, Circular DIN, 4 way, 3 key, green | 3-967402-1 | N/A |
|  | 2.5 mm | Pin housing, Circular DIN, 4 way, 4 key, blue | 4-967402-1 | N/A |
|  | 2.5 mm | Socket housing, Circular DIN, 4 way, 1 key, black | 1-967325-1 | N/A |
|  | 2.5 mm | Socket housing, Circular DIN, 4 way, 1 key, black, secondary locking | 1-968968-1 | Included |
|  | 2.5 mm | Socket housing, Circular DIN, 4 way, 2 key, gray | 2-967325-1 | N/A |

ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS




## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{>}{8}$ | 2.8 | Tab housing, HDSCS, 4 way, group B, 3 key, green | 3-1703818-1 | Included |
|  | 2.8 | Tab housing, HDSCS, 4 way, group B, 4 key, blue, sealed flange | 4-1703808-1 | Included |
|  | 2.8 | Tab housing, HDSCS, 4 way, group B, 4 key, blue key | 4-1703818-1 | Included |
|  | 6.3 | Tab housing, HDSCS, 4 way, group E, 1 key, black | 1-1564534-1 | Included |
|  | 6.3 | Tab housing, HDSCS, 4 way, group E, 2 key, gray | 2-1564534-1 | Included |
|  | 6.3 | Tab housing, HDSCS, 4 way, group E, 3 key, green | 3-1564534-1 | Included |
|  | 6.3 | Tab housing, HDSCS, 4 way, group E, 4 key, blue | 4-1564534-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 4 way, group B, 1 key, black, black key | 1-1418390-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 4 way, group B, 2 key, black, gray key | 2-1418390-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 4 way, group B, 3 key, black, green key | 3-1418390-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 4 way, group B, 4 key, black, blue key | 4-1418390-1 | Included |
|  | 6.3 | Recept. housing, HDSCS, 4 way, group E, 1 key, black, black key | 1-1564330-1 | Included |
|  | 6.3 | Recept. housing, HDSCS, 4 way, group E, 2 key, black, gray key | 2-1564330-1 | Included |
|  | 6.3 | Recept. housing, HDSCS, 4 way, group E, 3 key, black, green key | 3-1564330-1 | Included |
|  | 6.3 | Recept. housing, HDSCS, 4 way, group E, 4 key, black, blue key | 4-1564330-1 | Included |

5 CAVITY CONNECTORS

|  |  |  | HD10 Series |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 16 | Recept., HD10, 5 way, gray, flange, non-threaded rear | HD10-5-16P | N/A |
|  | 16 | Recept., HD10, 5 way, gray, flange, non-threaded rear, key removed from flange | HD10-5-16P-B009 | N/A |
| 16 | 16 | Recept., HD10, 5 way, gray, in-line, non-threaded rear | HD14-5-16P | N/A |
|  | 16 | Plug, HD10, 5 way, gray, non-threaded rear | HD16-5-16S | N/A |

6 CAVITY CONNECTORS

| $\frac{i}{2}$ | AMPSEAL 16 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, A key, black, red PLR, standard dia. seal | 776434-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, A key, black, red PLR, standard dia. seal, reverse mount | 1717675-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, A key, black, red PLR, reduced dia. seal | 776537-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, A key, black, red PLR, reduced dia. seal, reverse mount | 1717975-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, B key, black, gray PLR, standard dia. seal | 776434-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, B key, black, gray PLR, standard dia. seal, reverse mount | 1717675-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, B key, black, gray PLR, reduced dia. seal | 776537-2 | Included |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, B key, black, gray PLR, reduced dia. seal, reverse mount | 1717975-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, C key, black, yellow PLR, standard dia. seal | 776434-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, C key, black, yellow PLR, standard dia. seal, reverse mount | 1717675-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 6 way, C key, black, yellow PLR, reduced dia. seal | 776537-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 6 way, A key, black, red PLR, standard dia. seal | 776433-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 6 way, A key, black, red PLR, reduced dia. seal | 776531-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 6 way, B key, black, gray PLR, standard dia. seal | 776433-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 6 way, B key, black, gray PLR, reduced dia. seal | 776531-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 6 way, C key, black, yellow PLR, standard dia. seal | 776433-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 6 way, C key, black, yellow PLR, reduced dia. seal | 776531-3 | Included |
| $\frac{2}{8}$ | DT Series |  |  |  |
|  | 16 | Recept., DT, 6 way, gray | DT04-6P | W6P |
|  | 16 | Recept., DT, 6 way, gray, reduced dia. seals | DTO4-6P-C015 | W6P |
|  | 16 | Recept., DT, 6 way, gray, solid rear grommet | DTO4-6P-C017 | N/A |
|  | 16 | Recept., DT, 6 way, gray, reduced dia. seals, end cap | DTO4-6P-CE01 | W6P |
|  | 16 | Recept., DT, 6 way, black, reduced dia. seals | DTO4-6P-CEO2 | W6P |
|  | 16 | Recept., DT, 6 way, black, reduced dia. seals, end cap | DT04-6P-CE03 | W6P |
|  | 16 | Recept., DT, 6 way, black, reduced dia. seals, shrink boot adapter | DTO4-6P-CE09 | W6P |
|  | 16 | Recept., DT, 6 way, black, reduced dia. seals, welded flange | DTO4-6P-CLO6 | W6P |
|  | 16 | Recept., DT, 6 way, black, reduced dia. seals, sealed flange, end cap | DT04-6P-CL09 | W6P |
|  | 16 | Recept., DT, 6 way, gray, end cap | DT04-6P-E003 | W6P |
|  | 16 | Recept., DT, 6 way, black | DTO4-6P-E004 | W6P |
|  | 16 | Recept., DT, 6 way, black, end cap | DTO4-6P-E005 | W6P |
|  | 16 | Recept., DT, 6 way, black, (1) 6 pin buss, nickel contacts | DT04-6P-EP13 | Included |
|  | 16 | Recept., DT, 6 way, black, (2) 3 pin busses, nickel contacts | DT04-6P-EP14 | Included |
|  | 16 | Recept., DT, 6 way, black, DIN backshell adapter | DTO4-6P-L019 | W6P |
|  | 16 | Recept., DT, 6 way, gray, (1) 6 pin buss, nickel contacts | DTO4-6P-P021 | Included |
|  | 16 | Plug, DT, 6 way, gray | DT06-6S | W6S |
|  | 16 | Plug, DT, 6 way, gray, reduced dia. seals | DT06-6S-C015 | W6S |
|  | 16 | Plug, DT, 6 way, gray, solid rear grommet | DT06-6S-C017 | Included |
|  | 16 | Plug, DT, 6 way, gray, reduced dia. seals, end cap | DT06-6S-CE01 | W6S |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | 16 | Plug, DT, 6 way, black, reduced dia. seals | DT06-6S-CE02 | W6S |
|  | 16 | Plug, DT, 6 way, black, enhanced seal ret., reduced dia. seals, end cap | DT06-6S-CE05 | W6S-P012 |
|  | 16 | Plug, DT, 6 way, black, enhanced seal ret., reduced dia. seals | DT06-6S-CE06 | W6S-P012 |
|  | 16 | Plug, DT, 6 way, black, enhanced seal ret., reduced dia. seals, shrink boot adapter | DT06-6S-CE13 | W6S-P012 |
|  | 16 | Plug, DT, 6 way, gray, end cap | DT06-6S-E003 | W6S |
|  | 16 | Plug, DT, 6 way, black | DT06-6S-E004 | W6S |
|  | 16 | Plug, DT, 6 way, black, end cap | DT06-6S-E005 | W6S |
|  | 16 | Plug, DT, 6 way, black, enhanced seal ret., end cap | DT06-6S-EP06 | W6S-P012 |
|  | 16 | Plug, DT, 6 way, black, enhanced seal ret., shrink boot adapter | DT06-6S-EP11 | W6S-P012 |
|  | 16 | Plug, DT, 6 way, black, enhanced seal ret. | DT06-6S-P012 | W6S-P012 |
|  |  | DT13/15 Series |  |  |
|  | 16 | Recept., DT13, 6 way, gray, $90^{\circ}$ molded pins, PCB mount | DT13-6P | N/A |
|  | 16 | Recept., DT13, 6 way, gray, $90^{\circ}$ molded gold pins, PCB mount | DT13-6P-G003 | N/A |
|  | 16 | Recept., DT15, 6 way, gray, $180^{\circ}$ molded pins, PCB mount | DT15-6P | N/A |
|  | 16 | Recept., DT15, 6 way, gray, $180^{\circ}$ molded gold pins, PCB mount | DT15-6P-G003 | N/A |
|  | 16 | Recept., DT15, 6 way, gray, $180^{\circ}$ molded gold pins, PCB mount, 5 P.S.I. | DT15-6P-GP01 | N/A |
|  |  | DT16 Series |  |  |
|  | 16 | Plug, DT16, 6 way, green, end cap | DT16-6S-KP01 | N/A |
|  | 16 | Plug, DT16, 6 way, A key, gray, end cap | DT16-6SA-KP01 | N/A |
|  | 16 | Plug, DT16, 6 way, B key, black, end cap | DT16-6SB-KP01 | N/A |
|  |  | DTF Series |  |  |
|  | 16 | Recept., DTF, 6 way, black, $90^{\circ}$ molded pins, flangeless PCB mount | DTF13-6P | N/A |
|  | 16 | Recept., DTF, 6 way, black, $90^{\circ}$ molded gold pins, flangeless PCB mount | DTF13-6P-G003 | N/A |
|  |  | DTM Series |  |  |
|  | 20 | Recept., DTM, 6 way, gray | DTM04-6P | WM-6P |
|  | 20 | Recept., DTM, 6 way, gray, end cap | DTM04-6P-E003 | WM-6P |
|  | 20 | Recept., DTM, 6 way, black | DTMO4-6P-E004 | WM-6P |
|  | 20 | Recept., DTM, 6 way, black, end cap | DTM04-6P-E005 | WM-6P |
|  | 20 | Recept., DTM, 6 way, black, high temp | DTM04-6P-EE04 | WM-6P |
|  | 20 | Plug, DTM, 6 way, gray | DTM06-6S | WM-6S |
|  | 20 | Plug, DTM, 6 way, black | DTM06-6S-E004 | WM-6S |

ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | 2 sz. 4 | Plug, HD30, 18 shell, 6 way, N seal, cavities 1, 2, 5, 6 blocked, cable clamp | $\begin{aligned} & \text { HD36-18-6SN-CO3O- } \\ & 059 \end{aligned}$ | N/A |
|  |  | HDP20 Series |  |  |
|  | 4 sz. 16, 2 sz. 4 | Recept., HDP2O, 18 shell, 6 way, black, N seal | HDP24-18-6PN | N/A |
|  | $2 \mathrm{sz}$. | Recept., HDP20, 18 shell, 6 way, black, N seal, cavities 1, 2, 5, 6 blocked | HDP24-18-6PN-C030 | N/A |
|  | 4 sz. 16, 2 sz. 4 | Recept., HDP20, 18 shell, 6 way, black, N seal, ring adapter | HDP24-18-6PN-LO17 | N/A |
|  | 4 sz. 16, 2 sz. 4 | Plug, HDP20, 18 shell, 6 way, black, N seal | HDP26-18-6SN | N/A |
|  | 2 sz .4 | Plug, HDP20, 18 shell, 6 way, black, N seal, cavities 1, 2, 5, 6 blocked | HDP26-18-6SN-C030 | N/A |
|  | $2 \mathrm{sz}$. | Plug, HDP20, 18 shell, 6 way, black, N seal, cavities 1, $2,5,6$ blocked, threaded adapter | HDP26-18-6SN-CL21 | N/A |
|  | 4 sz. 16, 2 sz. 4 | Plug, HDP2O, 18 shell, 6 way, black, N seal, ring adapter | HDP26-18-6SN-LO17 | N/A |
|  |  | HDSCS |  |  |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 1 key, black, sealed flange | 1-1703820-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 1 key, black | 1-1703773-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 2 key, gray, sealed flange | 2-1703820-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 2 key, gray | 2-1703773-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 3 key, green, sealed flange | 3-1703820-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 3 key, green | 3-1703773-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 4 key, blue, sealed flange | 4-1703820-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 6 way, group B, 4 key, blue | 4-1703773-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 6 way, group B, 1 key, black, black key | 1-1418469-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 6 way, group B, 2 key, black, gray key | 2-1418469-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 6 way, group B, 3 key, black, green key | 3-1418469-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 6 way, group B, 4 key, black, blue key | 4-1418469-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 6 way, group C, 1 key, black, black key | 1-1418437-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 6 way, group C, 2 key, black, gray key | 2-1418437-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 6 way, group C, 3 key, black, green key | 3-1418437-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 6 way, group C, 4 key, black, blue key | 4-1418437-1 | Included |
| 7 CAVITY CONNECTORS |  |  |  |  |
| $\begin{aligned} & \text { Z } \\ & \frac{2}{S} \\ & i \end{aligned}$ | HDP20 Series |  |  |  |
|  | $4 \mathrm{sz} .16,3 \mathrm{sz} .4$ | Recept., HDP2O, 24 shell, 7 way, black, N seal, 5960-203-04141 contact only | HDP24-24-7PN-C038 | N/A |
|  | 4 sz. 16, 3 sz. 4 | Recept., HDP2O, 24 shell, 7 way, black, N seal, 5960-203-04141 contact only, wide threaded adapter | HDP24-24-7PN-CL22 | N/A |


|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{2}{8}$ | 4 sz. 16, 3 sz. 4 | Plug, HDP20, 24 shell, 7 way, black, N seal, 5962-203-04141 contact only | HDP26-24-7SN-C038 | N/A |
|  | 4 sz. 16, 3 sz. 4 | Plug, HDP2O, 24 shell, 7 way, black, N seal, 5962-203-04141 contact only, wide threaded adapter | HDP26-24-7SN-CL22 | N/A |
|  |  | HDSCS |  |  |
|  | 4 sz. 1.5K, 3 sz. 2.8 | Tab housing, HDSCS, 7 way, group C, 1 key, black, sealed flange | 1-1670214-1 | Included |
|  | 4 sz. 1.5K, 3 sz. 2.8 | Tab housing, HDSCS, 7 way, group C, 1 key, black | 1-1703648-1 | Included |
|  | 4 sz. 1.5K, 3 sz. 2.8 | Tab housing, HDSCS, 7 way, group C, 2 key, gray, sealed flange | 2-1670214-1 | Included |
|  | 4 sz. 1.5K, 3 sz. 2.8 | Tab housing, HDSCS, 7 way, group C, 2 key, gray | 2-1703648-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 7 way, group C, 3 key, green, sealed flange | 3-1670214-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 7 way, group C, 3 key, green | 3-1703648-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 7 way, group C, 4 key, blue, sealed flange | 4-1670214-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 7 way, group C, 4 key, blue | 4-1703648-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Recept. housing, HDSCS, 7 way, group C, 1 key, black, black key | 1-1418480-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Recept. housing, HDSCS, 7 way, group C, 2 key, black, gray key | 2-1418480-1 | Included |
|  | $4 \mathrm{sz} .1 .5 \mathrm{~K}, 3 \mathrm{sz} .2 .8$ | Recept. housing, HDSCS, 7 way, group C, 3 key, black, green key | 3-1418480-1 | Included |
|  | 4 sz. 1.5K, 3 sz. 2.8 | Recept. housing, HDSCS, 7 way, group C, 4 key, black, blue key | 4-1418480-1 | Included |

8 CAVITY CONNECTORS

|  | AMPSEAL |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776275-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776276-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776275-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776276-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776279-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776280-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776279-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, A key, black, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776280-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, B key, natural, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776275-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, B key, natural, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776276-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, B key, natural, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776275-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, B key, natural, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776276-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, B key, natural, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776279-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 8 way, B key, natural, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776280-2 | N/A |

## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{i}{i}$ | 16 | Recept., DT, 8 way, A key, black, reduced dia. seals | DT04-08PA-CE02 | W8P |
|  | 16 | Recept., DT, 8 way, A key, black, reduced dia. seals, end cap | DT04-08PA-CE03 | W8P |
|  | 16 | Recept., DT, 8 way, A key, black, reduced dia. seals, welded flange | DT04-08PA-CL03 | W8P |
|  | 16 | Recept., DT, 8 way, A key, gray, reduced dia. seals, sealed flange, shrink boot adapter | DT04-08PA-CL07 | W8P |
|  | 16 | Recept., DT, 8 way, A key, gray, end cap | DT04-08PA-E003 | W8P |
|  | 16 | Recept., DT, 8 way, A key, black | DT04-08PA-E004 | W8P |
|  | 16 | Recept., DT, 8 way, A key, black, end cap | DT04-08PA-E005 | W8P |
|  | 16 | Recept., DT, 8 way, A key, gray, shrink boot adapter | DT04-08PA-E008 | W8P |
|  | 16 | Recept., DT, 8 way, A key, gray, sealed flange, shrink boot adapter | DT04-08PA-LE03 | W8P |
|  | 16 | Recept., DT, 8 way, A key, black, welded flange, end cap | DT04-08PA-LE11 | W8P |
|  | 16 | Recept., DT, 8 way, A key, gray, welded flange | DT04-08PA-L012 | W8P |
|  | 16 | Recept., DT, 8 way, A key, gray, (1) 8 pin buss, nickel contacts | DT04-08PA-P021 | Included |
|  | 16 | Recept., DT, 8 way, A key, gray, (2) 4 pin busses, nickel contacts | DT04-08PA-P026 | Included |
|  | 16 | Recept., DT, 8 way, A key, gray, (1) 3 pin buss/(1) 5 pin buss, nickel contacts | DT04-08PA-P028 | Included |
|  | 16 | Recept., DT, 8 way, B key, black | DT04-08PB | W8P |
|  | 16 | Recept., DT, 8 way, B key, black, reduced dia. seals | DT04-08PB-C015 | W8P |
|  | 16 | Recept., DT, 8 way, B key, black, reduced dia. seals, end cap | DT04-08PB-CE01 | W8P |
|  | 16 | Recept., DT, 8 way, B key, black, end cap | DT04-08PB-E003 | W8P |
|  | 16 | Recept., DT, 8 way, B key, black, welded flange | DT04-08PB-L012 | W8P |
|  | 16 | Recept., DT, 8 way, B key, black, (1) 8 pin buss, nickel contacts | DT04-08PB-P021 | Included |
|  | 16 | Recept., DT, 8 way, B key, black, (2) 4 pin busses, nickel contacts | DT04-08PB-P026 | Included |
|  | 16 | Recept., DT, 8 way, B key, black, (1) 3 pin buss/(1) 5 pin buss, nickel contacts | DT04-08PB-P028 | Included |
|  | 16 | Recept., DT, 8 way, C key, green | DT04-08PC | W8P |
|  | 16 | Recept., DT, 8 way, C key, green, reduced dia. seals | DT04-08PC-C015 | W8P |
|  | 16 | Recept., DT, 8 way, C key, green, reduced dia. seals, end cap | DT04-08PC-CE01 | W8P |
|  | 16 | Recept., DT, 8 way, C key, green, end cap | DT04-08PC-E003 | W8P |
|  | 16 | Recept., DT, 8 way, C key, green, welded flange | DT04-08PC-L012 | W8P |
|  | 16 | Recept., DT, 8 way, D key, brown | DT04-08PD | W8P |
|  | 16 | Recept., DT, 8 way, D key, brown, reduced dia. seals | DT04-08PD-C015 | W8P |
|  | 16 | Recept., DT, 8 way, D key, brown, reduced dia. seals, end cap | DT04-08PD-CE01 | W8P |
|  | 16 | Recept., DT, 8 way, D key, brown, end cap | DT04-08PD-E003 | W8P |

## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\underset{\infty}{\frac{2}{i}}$ | 16 | Plug, DT, 8 way, C key, green, enhanced seal ret., end cap | DT06-08SC-EP06 | W8S-P012 |
|  | 16 | Plug, DT, 8 way, C key, green, enhanced seal ret. | DT06-08SC-P012 | W8S-P012 |
|  | 16 | Plug, DT, 8 way, D key, brown | DT06-08SD | W8S |
|  | 16 | Plug, DT, 8 way, D key, brown, reduced dia. seals | DT06-08SD-C015 | W8S |
|  | 16 | Plug, DT, 8 way, D key, brown, solid rear grommet | DT06-08SD-C017 | Included |
|  | 16 | Plug, DT, 8 way, D key, brown, reduced dia. seals, end cap | DT06-08SD-CE01 | W8S |
|  | 16 | Plug, DT, 8 way, D key, brown, enhanced seal ret., reduced dia. seals, end cap | DT06-08SD-CE05 | W8S-P012 |
|  | 16 | Plug, DT, 8 way, D key, brown, enhanced seal ret., end cap | DT06-08SD-EP06 | W8S-P012 |
|  | 16 | Plug, DT, 8 way, D key, brown, enhanced seal ret. | DT06-08SD-P012 | W8S-P012 |
|  |  | DT13/15 Series |  |  |
|  | 16 | Recept., DT13, 8 way, A key, gray, $90^{\circ}$ molded pins, PCB mount | DT13-08PA | N/A |
|  | 16 | Recept., DT13, 8 way, A key, gray, $90^{\circ}$ molded gold pins, PCB mount | DT13-08PA-G003 | N/A |
|  | 16 | Recept., DT13, 8 way, B key, black, $90^{\circ}$ molded pins, PCB mount | DT13-08PB | N/A |
|  | 16 | Recept., DT13, 8 way, B key, black, $90^{\circ}$ molded gold pins, PCB mount | DT13-08PB-G003 | N/A |
|  | 16 | Recept., DT13, 8 way, C key, green, $90^{\circ}$ molded pins, PCB mount | DT13-08PC | N/A |
|  | 16 | Recept., DT13, 8 way, D key, brown, $90^{\circ}$ molded pins, PCB mount | DT13-08PD | N/A |
|  | 16 | Recept., DT15, 8 way, A key, gray, $180^{\circ}$ molded pins, PCB mount | DT15-08PA | N/A |
|  | 16 | Recept., DT15, 8 way, A key, gray, $180^{\circ}$ molded gold pins, PCB mount | DT15-08PA-G003 | N/A |
|  | 16 | Recept., DT15, 8 way, B key, black, $180^{\circ}$ molded pins, PCB mount | DT15-08PB | N/A |
|  | 16 | Recept., DT15, 8 way, B key, black, $180^{\circ}$ molded gold pins, PCB mount | DT15-08PB-G003 | N/A |
|  | 16 | Recept., DT15, 8 way, C key, green, $180^{\circ}$ molded pins, PCB mount | DT15-08PC | N/A |
|  | 16 | Recept., DT15, 8 way, C key, green, $180^{\circ}$ molded gold pins, PCB mount | DT15-08PC-G003 | N/A |
|  | 16 | Recept., DT15, 8 way, D key, brown, $180^{\circ}$ molded pins, PCB mount | DT15-08PD | N/A |
|  | DTM Series |  |  |  |
|  | 20 | Recept., DTM, 8 way, A key, gray | DTM04-08PA | WM-8P |
|  | 20 | Recept., DTM, 8 way, A key, gray, end cap | DTM04-08PA-E003 | WM-8P |
|  | 20 | Recept., DTM, 8 way, A key, black, end cap | DTM04-08PA-E005 | WM-8P |
|  | 20 | Recept., DTM, 8 way, A key, black, high temp | DTM04-08PA-EE04 | WM-8P |
|  | 20 | Recept., DTM, 8 way, B key, black | DTM04-08PB | WM-8P |
|  | 20 | Recept., DTM, 8 way, C key, green | DTM04-08PC | WM-8P |
|  | 20 | Recept., DTM, 8 way, D key, brown | DTM04-08PD | WM-8P |

## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{2}{2}$ | 1.5K | Recept. housing, HDSCS, 8 way, group C, 1 key, black | 1-1418479-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 8 way, group C, 2 key, gray | 2-1418479-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 8 way, group C, 3 key, green | 3-1418479-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 8 way, group C, 4 key, blue | 4-1418479-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 8 way, group D, 1 key, black | 1-1670894-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 8 way, group D, 2 key, gray | 2-1670894-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 8 way, group D, 3 key, green | 3-1670894-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 8 way, group D, 4 key, blue | 4-1670894-1 | Included |

9 CAVITY CONNECTORS


|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{i}{k}$ | 7 sz. 16 | Recept., HD10, 9 way, gray, in-line, threaded rear, cavities H, J blocked | HD14-9-96P-C016 | N/A |
|  | 16 | Recept., HD10, 9 way, gray, in-line, threaded rear, E seal | HD14-9-96PE | N/A |
|  | 16 | Plug, HD10, 9 way, gray, non-threaded rear | HD16-9-16S | N/A |
|  | 16 | Plug, HD10, 9 way, black, threaded rear, J1939 | HD16-9-1939S | N/A |
|  | 16 | Plug, HD10, 9 way, green, threaded rear, J1939 type II | HD16-9-1939S-P080 | N/A |
|  | 16 | Plug, HD10, 9 way, black, threaded rear, J1939, E seal | HD16-9-1939SE | N/A |
|  | 16 | Plug, HD10, 9 way, green, threaded rear, J1939 type II, E seal | HD16-9-1939SE-P080 | N/A |
|  | 16 | Plug, HD10, 9 way, gray, threaded rear | HD16-9-96S | N/A |
|  | 7 sz. 16 | Plug, HD10, 9 way, gray, threaded rear, cavities H, J blocked | HD16-9-96S-C016 | N/A |
|  | 16 | Plug, HD10, 9 way, black, threaded rear, no coupling ring, J1939 | HD17-9-1939S | N/A |
|  | 16 | Plug, HD10, 9 way, green, threaded rear, no coupling ring, J1939 type II | HD17-9-1939S-P080 | N/A |
|  | 16 | Plug, HD10, 9 way, black, threaded rear, no coupling ring, J1939, E seal | HD17-9-1939SE | N/A |
|  | 16 | Plug, HD10, 9 way, green, threaded rear, no coupling ring, J1939 type II, E seal | HD17-9-1939SE-PO80 | N/A |
|  |  | HD30 Series |  |  |
|  | $\begin{gathered} 6 \text { sz. 12, } 2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal | HD34-24-9PN | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal, cable clamp | HD34-24-9PN-059 | N/A |
|  | $\begin{gathered} 6 \mathrm{sz} .12,2 \text { sz. } 8 \\ 1 \mathrm{sz} .4 \\ \hline \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal, adapter | HD34-24-9PN-072 | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal, reverse | HD34-24-9SN | N/A |
|  | $\begin{gathered} 6 \mathrm{sz.} 12,2 \mathrm{sz.} 8 \\ 1 \mathrm{sz} .4 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal, reverse, cable clamp | HD34-24-9SN-059 | N/A |
|  | $\begin{gathered} 6 \text { sz. 12, } 2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal, reverse, adapter | HD34-24-9SN-072 | N/A |
|  | $\begin{gathered} 5 \mathrm{sz} .16, \\ 2 \mathrm{sz} .12,2 \text { sz. } 8 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, E seal, HDBox arrangement | HD34-24-91PE | N/A |
|  | $\begin{gathered} 5 \mathrm{sz} .16, \\ 2 \mathrm{sz} .12,2 \text { sz. } 8 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, E seal, HDBox arrangement, cable clamp | HD34-24-91PE-059 | N/A |
|  | $\begin{gathered} 5 \mathrm{sz} .16 \\ 2 \mathrm{sz} .12,2 \mathrm{sz} .8 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, E seal, HDBox arrangement, adapter | HD34-24-91PE-072 | N/A |
|  | $\begin{gathered} 5 \mathrm{sz} .16, \\ 2 \mathrm{sz} .12,2 \text { sz. } 8 \end{gathered}$ | Recept., HD30, 24 shell, 9 way, N seal, HDBox arrangement | HD34-24-91PN | N/A |

## ELECTRICAL CONNECTORS



HDP20 Series

ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{2}{8}$ | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, N seal, reverse, ring adapter | HDP26-24-9PN-L017 | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, E seal | HDP26-24-9SE | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, E seal, threaded adapter | HDP26-24-9SE-LO15 | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, E seal, ring adapter | HDP26-24-9SE-LO17 | N/A |
|  | $\begin{gathered} 6 \text { sz. 12, } 2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, E seal, wide threaded adapter | HDP26-24-9SE-LO24 | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, N seal | HDP26-24-9SN | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP2O, 24 shell, 9 way, black, N seal, threaded adapter | HDP26-24-9SN-L015 | N/A |
|  | $\begin{gathered} 6 \text { sz. } 12,2 \text { sz. } 8 \\ 1 \text { sz. } 4 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, N seal, ring adapter | HDP26-24-9SN-LO17 | N/A |
|  | $\begin{gathered} 5 \mathrm{sz} .16 \\ 2 \text { sz. } 12,2 \text { sz. } 8 \end{gathered}$ | Plug, HDP20, 24 shell, 9 way, black, E seal, HDBox arrangement, cavities 4 \& 5 connected internally, threaded adapter | HDP26-24-91SE-LO15 | N/A |
|  | $\begin{gathered} 5 \text { sz. 16, } \\ 2 \text { sz. 12, } 2 \text { sz. } 8 \end{gathered}$ | Plug, HDP2O, 24 shell, 9 way, black, E seal, HDBox arrangement, cavities 4 \& 5 connected internally, wide threaded adapter | HDP26-24-91SE-LO24 | N/A |
|  | $\begin{gathered} 5 \mathrm{sz} .16 \\ 2 \text { sz. } 12,2 \mathrm{sz} .8 \end{gathered}$ | Plug, HDP2O, 24 shell, 9 way, black, N seal, HDBox arrangement, no internal jumper | HDP26-24-91SN-P064 | N/A |

## 10 CAVITY CONNECTORS

|  | HDSCS |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Tab housing, HDSCS, 10 way, group D, 1 key, black, sealed flange | 1-1564518-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Tab housing, HDSCS, 10 way, group D, 1 key, black | 1-1564516-1 | Included |
|  | $6 \mathrm{sz} .1 .5 \mathrm{~K}, 4 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 10 way, group D, 2 key, gray, sealed flange | 2-1564518-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Tab housing, HDSCS, 10 way, group D, 2 key, gray | 2-1564516-1 | Included |
|  | $6 \mathrm{sz} .1 .5 \mathrm{~K}, 4 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 10 way, group D, 3 key, green, sealed flange | 3-1564518-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Tab housing, HDSCS, 10 way, group D, 3 key, green | 3-1564516-1 | Included |
|  | $6 \mathrm{sz} .1 .5 \mathrm{~K}, 4 \mathrm{sz} .2 .8$ | Tab housing, HDSCS, 10 way, group D, 4 key, blue, sealed flange | 4-1564518-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Tab housing, HDSCS, 10 way, group D, 4 key, blue | 4-1564516-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Recept. housing, HDSCS, 10 way, group D, 1 key, black | 1-1564514-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Recept. housing, HDSCS, 10 way, group D, 2 key, gray | 2-1564514-1 | Included |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ <br> TPA |
| :---: | :---: | :---: | :---: | :---: |
| 응 | 6 sz. 1.5K, 4 sz. 2.8 | Recept. housing, HDSCS, 10 way, group D, 3 key, green | 3-1564514-1 | Included |
|  | 6 sz. 1.5K, 4 sz. 2.8 | Recept. housing, HDSCS, 10 way, group D, 4 key, blue | 4-1564514-1 | Included |
| 12 CAVITY CONNECTORS |  |  |  |  |
|  |  | AMPSEAL 16 |  |  |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, A key, black, red PLR, standard dia. seal | 776438-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, A key, black, red PLR, reduced dia. seal | 776539-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, A key, black, red PLR, reduced dia. seal, reverse mount | 1717934-1 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, B key, black, gray PLR, standard dia. seal | 776438-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, B key, black, gray PLR, standard dia. seal, reverse mount | 1717677-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, B key, black, gray PLR, reduced dia. seal | 776539-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, B key, black, gray PLR, reduced dia. seal, reverse mount | 1717934-2 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, C key, black, yellow PLR, standard dia. seal | 776438-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, C key, black, yellow PLR, standard dia. seal, reverse mount | 1717677-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, C key, black, yellow PLR, reduced dia. seal | 776539-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, C key, black, yellow PLR, reduced dia. seal, reverse mount | 1717934-3 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, D key, black, green PLR, standard dia. seal | 776438-4 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, D key, black, green PLR, reduced dia. seal | 776539-4 | Included |
|  | 1.58 mm | Cap, AMPSEAL 16, 12 way, D key, black, green PLR, reduced dia. seal, reverse mount | 1717934-4 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, A key, black, red PLR, standard dia. seal | 776437-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, A key, black, red PLR, reduced dia. seal | 776533-1 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, B key, black, gray PLR, standard dia. seal | 776437-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, B key, black, gray PLR, reduced dia. seal | 776533-2 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, C key, black, yellow PLR, standard dia. seal | 776437-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, C key, black, yellow PLR, reduced dia. seal | 776533-3 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, D key, black, green PLR, standard dia. seal | 776437-4 | Included |
|  | 1.58 mm | Plug, AMPSEAL 16, 12 way, D key, black, green PLR, reduced dia. seal | 776533-4 | Included |
|  | DT Series |  |  |  |
|  | 16 | Recept., DT, 12 way, A key, gray | DT04-12PA | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray | DT04-12PA-B016 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, end cap | DT04-12PA-BE02 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, black, end cap | DT04-12PA-BE03 | W12P |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Z } \\ & \underset{Z}{2} \\ & \mathbf{U} \\ & \text { N } \end{aligned}$ | 16 | Recept., DT, 12 way, enhanced A key, black, reduced dia. seals, end cap | DT04-12PA-BE04 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, welded flange | DT04-12PA-BLO4 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, black, welded flange | DT04-12PA-BL08 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, reduced dia. seals, sealed flange, shrink boot adapter | DT04-12PA-BL10 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, reduced dia. seals, sealed flange, end cap | DT04-12PA-BL11 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, reduced dia. seals | DT04-12PA-C015 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, solid rear grommet | DT04-12PA-C017 | N/A |
|  | 16 | Recept., DT, 12 way, A key, gray, reduced dia. seals, end cap | DT04-12PA-CE01 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black, reduced dia. seals | DT04-12PA-CE02 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black, reduced dia. seals, end cap | DT04-12PA-CE03 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, reduced dia. seals, shrink boot adapter | DT04-12PA-CE04 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, reduced dia. seals, end cap | DT04-12PA-CE07 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, reduced dia. seals | DT04-12PA-CE08 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, reduced dia. seals, welded flange | DT04-12PA-CLO3 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, end cap | DT04-12PA-E003 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black | DT04-12PA-E004 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black, end cap | DT04-12PA-E005 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, shrink boot adapter | DT04-12PA-E008 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, welded flange | DT04-12PA-L012 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, sealed flange, gasket, end cap | DT04-12PA-LE01 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, sealed flange, gasket (sold separately), end cap | DT04-12PA-LE03 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, sealed flange, gasket, end cap | DT04-12PA-LE05 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, reduced dia. seals, sealed flange, gasket, end cap | DT04-12PA-LE06 | W12P |
|  | 16 | Recept., DT, 12 way, A key, gray, welded flange, end cap | DT04-12PA-LE07 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black, sealed flange, gasket (sold separately), end cap | DT04-12PA-LE09 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black, sealed flange, gasket, end cap | DT04-12PA-LE10 | W12P |
|  | 16 | Recept., DT, 12 way, A key, black, welded flange | DTO4-12PA-LE14 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, black, sealed flange, gasket (sold separately), end cap | DTO4-12PA-LE17 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, reduced dia. seals, sealed flange, end cap, one piece design | DTO4-12PA-LE21 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, (1) 12 pin buss, gold contacts | DTO4-12PA-P016 | Included |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, (1) 12 pin buss, nickel contacts | DTO4-12PA-P021 | Included |


|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, (2) 6 pin busses, nickel contacts | DT04-12PA-P026 | Included |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, (4) 3 pin busses, nickel contacts | DT04-12PA-P030 | Included |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, (4) 3 pin busses, gold contacts | DTO4-12PA-P031 | Included |
|  | 16 | Recept., DT, 12 way, enhanced A key, gray, (3) 4 pin busses, nickel contacts | DT04-12PA-P075 | Included |
|  | 16 | Recept., DT, 12 way, B key, black | DT04-12PB | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black | DTO4-12PB-B016 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, end cap | DT04-12PB-BE02 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, welded flange | DT04-12PB-BLO4 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, reduced dia. seals, sealed flange, end cap | DT04-12PB-BL11 | W12P |
|  | 16 | Recept., DT, 12 way, B key, black, reduced dia. seals | DTO4-12PB-C015 | W12P |
|  | 16 | Recept., DT, 12 way, B key, black, reduced dia. seals, end cap | DT04-12PB-CE01 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, reduced dia. seals, end cap | DT04-12PB-CE07 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, gray, reduced dia. seals | DT04-12PB-CE08 | W12P |
|  | 16 | Recept., DT, 12 way, B key, black, reduced dia. seals, welded flange | DT04-12PB-CLO3 | W12P |
|  | 16 | Recept., DT, 12 way, B key, black, end cap | DT04-12PB-E003 | W12P |
|  | 16 | Recept., DT, 12 way, B key, black, welded flange | DTO4-12PB-LO12 | W12P |
|  | 16 | Recept., DT, 12 way, B key, black, sealed flange, gasket, end cap | DT04-12PB-LE01 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, reduced dia. seals, sealed flange, end cap, one piece design | DTO4-12PB-LE21 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, (1) 12 pin buss, gold contacts | DT04-12PB-P016 | Included |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, (1) 12 pin buss, nickel contacts | DT04-12PB-PO21 | Included |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, (2) 6 pin busses, nickel contacts | DT04-12PB-PO26 | Included |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, (2) 6 pin busses, gold contacts | DT04-12PB-P027 | Included |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, (4) 3 pin busses, nickel contacts | DT04-12PB-P030 | Included |
|  | 16 | Recept., DT, 12 way, enhanced B key, black, (4) 3 pin busses, gold contacts | DT04-12PB-P031 | Included |
|  | 16 | Recept., DT, 12 way, C key, green | DT04-12PC | W12P |
|  | 16 | Recept., DT, 12 way, enhanced C key, green | DT04-12PC-B016 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced C key, green, end cap | DT04-12PC-BEO2 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced C key, green, welded flange | DT04-12PC-BLO4 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced C key, green, welded flange, end cap | DT04-12PC-BL05 | W12P |
|  | 16 | Recept., DT, 12 way, C key, green, reduced dia. seals | DT04-12PC-C015 | W12P |
|  | 16 | Recept., DT, 12 way, C key, green, reduced dia. seals, end cap | DT04-12PC-CE01 | W12P |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $$ | 16 | Recept., DT, 12 way, enhanced C key, green, reduced dia. seals, end cap | DT04-12PC-CE07 | W12P |
|  | 16 | Recept., DT, 12 way, C key, green, welded flange | DTO4-12PC-L012 | W12P |
|  | 16 | Recept., DT, 12 way, C key, green, sealed flange, gasket, end cap | DT04-12PC-LE01 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced C key, gray, reduced dia. seals, sealed flange, end cap, one piece design | DTO4-12PC-LE21 | W12P |
|  | 16 | Recept., DT, 12 way, D key, brown | DTO4-12PD | W12P |
|  | 16 | Recept., DT, 12 way, enhanced D key, brown | DT04-12PD-B016 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced D key, brown, end cap | DT04-12PD-BE02 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced D key, brown, welded flange | DT04-12PD-BLO4 | W12P |
|  | 16 | Recept., DT, 12 way, D key, brown, reduced dia. seals | DT04-12PD-C015 | W12P |
|  | 16 | Recept., DT, 12 way, D key, brown, reduced dia. seals, end cap | DT04-12PD-CE01 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced D key, brown, reduced dia. seals, end cap | DT04-12PD-CE07 | W12P |
|  | 16 | Recept., DT, 12 way, D key, brown, welded flange | DTO4-12PD-L012 | W12P |
|  | 16 | Recept., DT, 12 way, enhanced D key, gray, reduced dia. seals, sealed flange, end cap, one piece design | DTO4-12PD-LE21 | W12P |
|  | 16 | Plug, DT, 12 way, A key, gray | DT06-12SA | W12S |
|  | 16 | Plug, DT, 12 way, A key, gray, reduced dia. seals | DT06-12SA-C015 | W12S |
|  | 16 | Plug, DT, 12 way, A key, gray, solid rear grommet | DT06-12SA-C017 | Included |
|  | 16 | Plug, DT, 12 way, A key, gray, reduced dia. seals, end cap | DT06-12SA-CE01 | W12S |
|  | 16 | Plug, DT, 12 way, A key, black, reduced dia. seals | DT06-12SA-CE02 | W12S |
|  | 16 | Plug, DT, 12 way, A key, gray, reduced dia. seals, shrink boot adapter | DT06-12SA-CE04 | W12S |
|  | 16 | Plug, DT, 12 way, enhanced A key, gray, enhanced seal ret., reduced dia. seals, end cap | DT06-12SA-CE05 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced A key, gray, enhanced seal ret., reduced dia. seals | DT06-12SA-CE06 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced A key, black, enhanced seal ret., reduced dia. seals | DT06-12SA-CE10 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced A key, black, enhanced seal ret., reduced dia. seals, end cap | DT06-12SA-CE11 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced A key, black, enhanced seal ret., reduced dia. seals, shrink boot adapter | DT06-12SA-CE12 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced A key, gray, enhanced seal ret., reduced dia. seals, shrink boot adapter | DT06-12SA-CE13 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, A key, gray, end cap | DT06-12SA-E003 | W12S |
|  | 16 | Plug, DT, 12 way, A key, black, end cap | DT06-12SA-E005 | W12S |
|  | 16 | Plug, DT, 12 way, A key, gray, shrink boot adapter | DT06-12SA-E008 | W12S |
|  | 16 | Plug, DT, 12 way, enhanced A key, gray, enhanced seal ret., end cap | DT06-12SA-EPO6 | W12S-P012 |

ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \geq \\ & \mathbb{E} \\ & \mathbf{S} \\ & \mathbf{N} \end{aligned}$ | 16 | Plug, DT, 12 way, enhanced D key, brown, enhanced seal ret., reduced dia. seals | DT06-12SD-CE06 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced D key, brown, enhanced seal ret., end cap | DT06-12SD-EPO6 | W12S-P012 |
|  | 16 | Plug, DT, 12 way, enhanced D key, brown, enhanced seal ret. | DT06-12SD-P012 | W12S-P012 |
|  |  | DT13/15 Series |  |  |
|  | 16 | Recept., DT13, 12 way, A key, gray, $90^{\circ}$ molded pins, PCB mount | DT13-12PA | N/A |
|  | 16 | Recept., DT13, 12 way, enhanced A key, gray, $90^{\circ}$ molded pins, PCB mount | DT13-12PA-B016 | N/A |
|  | 16 | Recept., DT13, 12 way, A key, gray, $90^{\circ}$ molded gold pins, PCB mount | DT13-12PA-GOO3 | N/A |
|  | 16 | Recept., DT13, 12 way, enhanced A key, black, $90^{\circ}$ molded pins, DT EEC PCB header | DT13-12PA-RO15 | N/A |
|  | 16 | Recept., DT13, 12 way, B key, black, $90^{\circ}$ molded pins, PCB mount | DT13-12PB | N/A |
|  | 16 | Recept., DT13, 12 way, enhanced B key, black $90^{\circ}$ molded pins, PCB mount | DT13-12PB-B016 | N/A |
|  | 16 | Recept., DT13, 12 way, B key, black, $90^{\circ}$ molded gold pins, PCB mount | DT13-12PB-GOO3 | N/A |
|  | 16 | Recept., DT13, 12 way, C key, green, $90^{\circ}$ molded pins, PCB mount | DT13-12PC | N/A |
|  | 16 | Recept., DT13, 12 way, enhanced C key, green, $90^{\circ}$ molded pins, PCB mount | DT13-12PC-B016 | N/A |
|  | 16 | Recept., DT13, 12 way, C key, green, $90^{\circ}$ molded gold pins, PCB mount | DT13-12PC-GOO3 | N/A |
|  | 16 | Recept., DT13, 12 way, D key, brown, $90^{\circ}$ molded pins, PCB mount | DT13-12PD | N/A |
|  | 16 | Recept., DT13, 12 way, enhanced D key, brown, $90^{\circ}$ molded pins, PCB mount | DT13-12PD-B016 | N/A |
|  | 16 | Recept., DT13, 12 way, D key, brown, $90^{\circ}$ molded gold pins, PCB mount | DT13-12PD-GOO3 | N/A |
|  | 16 | Recept., DT15, 12 way, A key, gray, $180^{\circ}$ molded pins, PCB mount | DT15-12PA | N/A |
|  | 16 | Recept., DT15, 12 way, enhanced A key, gray, $180^{\circ}$ molded pins, PCB mount | DT15-12PA-B016 | N/A |
|  | 16 | Recept., DT15, 12 way, A key, gray, $180^{\circ}$ molded pins, PCB mount, 5 P.S.I. | DT15-12PA-B028 | N/A |
|  | 16 | Recept., DT15, 12 way, A key, gray, $180^{\circ}$ molded gold pins, PCB mount | DT15-12PA-GOO3 | N/A |
|  | 16 | Recept., DT15, 12 way, B key, black, $180^{\circ}$ molded pins, PCB mount | DT15-12PB | N/A |
|  | 16 | Recept., DT15, 12 way, enhanced B key, black, $180^{\circ}$ molded pins, PCB mount | DT15-12PB-B016 | N/A |
|  | 16 | Recept., DT15, 12 way, B key, black, $180^{\circ}$ molded pins, PCB mount, 5 P.S.I. | DT15-12PB-B028 | N/A |
|  | 16 | Recept., DT15, 12 way, B key, black, $180^{\circ}$ molded gold pins, PCB mount | DT15-12PB-GOO3 | N/A |
|  | 16 | Recept., DT15, 12 way, C key, green, $180^{\circ}$ molded pins, PCB mount | DT15-12PC | N/A |
|  | 16 | Recept., DT15, 12 way, enhanced C key, green, $180^{\circ}$ molded pins, PCB mount | DT15-12PC-B016 | N/A |
|  | 16 | Recept., DT15, 12 way, C key, green, $180^{\circ}$ molded gold pins, PCB mount | DT15-12PC-GOO3 | N/A |
|  | 16 | Recept., DT15, 12 way, D key, brown, $180^{\circ}$ molded pins, PCB mount | DT15-12PD | N/A |
|  | 16 | Recept., DT15, 12 way, enhanced D key, brown, $180^{\circ}$ molded pins, PCB mount | DT15-12PD-B016 | N/A |
|  | 16 | Recept., DT15, 12 way, D key, brown, $180^{\circ}$ molded gold pins, PCB mount | DT15-12PD-GOO3 | N/A |

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|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | DT13 EEC Headers |  |  |  |
|  | 16 | Recept., DT13, 12 way, enhanced A key, black, $90^{\circ}$ molded pins, DT EEC PCB header | DT13-12PA-R015 | N/A |
|  | DTF Series |  |  |  |
|  | 16 | Recept., DTF13, 12 way, enhanced A key, gray, $90^{\circ}$ molded pins, flangeless PCB mount | DTF13-12PA | N/A |
|  | 16 | Recept., DTF13, 12 way, enhanced A key, gray, $90^{\circ}$ molded gold pins, flangeless PCB mount | DTF13-12PA-GOO3 | N/A |
|  | 16 | Recept., DTF13, 12 way, enhanced B key, black, $90^{\circ}$ molded pins, flangeless PCB mount | DTF13-12PB | N/A |
|  | 16 | Recept., DTF13, 12 way, enhanced C key, green, $90^{\circ}$ molded pins, flangeless PCB mount | DTF13-12PC | N/A |
|  | 16 | Recept., DTF13, 12 way, enhanced D key, brown, $90^{\circ}$ molded pins, flangeless PCB mount | DTF13-12PD | N/A |
|  | 16 | Recept., DTF15, 12 way, enhanced A key, gray, $180^{\circ}$ molded pins, flangeless PCB mount | DTF15-12PA | N/A |
|  | 16 | Recept., DTF15, 12 way, enhanced A key, gray, $180^{\circ}$ molded gold pins, flangeless PCB mount | DTF15-12PA-GO03 | N/A |
|  | 16 | Recept., DTF15, 12 way, enhanced B key, black, $180^{\circ}$ molded pins, flangeless PCB mount | DTF15-12PB | N/A |
|  | 16 | Recept., DTF15, 12 way, enhanced B key, black, $180^{\circ}$ molded gold pins, flangeless PCB mount | DTF15-12PB-GOO3 | N/A |
|  | 16 | Recept., DTF15, 12 way, enhanced C key, green, $180^{\circ}$ molded pins, flangeless PCB mount | DTF15-12PC | N/A |
|  | 16 | Recept., DTF15, 12 way, enhanced D key, brown, $180^{\circ}$ molded pins, flangeless PCB mount | DTF15-12PD | N/A |
| E | DTM Series |  |  |  |
| $\frac{7}{3}$ | 20 | Recept., DTM, 12 way, A key, gray | DTMO4-12PA | WM-12P |
| N | 20 | Recept., DTM, 12 way, A key, gray, end cap | DTMO4-12PA-E003 | WM-12P |
|  | 20 | Recept., DTM, 12 way, A key, black, end cap | DTM04-12PA-E005 | WM-12P |
|  | 20 | Recept., DTM, 12 way, A key, black, high temp | DTM04-12PA-EEO4 | WM-12P |
|  | 20 | Recept., DTM, 12 way, A key, gray, welded flange | DTMO4-12PA-LO12 | WM-12P |
|  | 20 | Recept., DTM, 12 way, B key, black | DTMO4-12PB | WM-12P |
|  | 20 | Recept., DTM, 12 way, B key, black, welded flange | DTMO4-12PB-L012 | WM-12P |
|  | 20 | Recept., DTM, 12 way, C key, green | DTMO4-12PC | WM-12P |
|  | 20 | Recept., DTM, 12 way, D key, brown | DTM04-12PD | WM-12P |
|  | 20 | Recept., DTM, 12 way, D key, black, high temp | DTMO4-12PD-EE04 | WM-12P |
|  | 20 | Recept., DTM, 12 way, D key, brown, welded flange | DTMO4-12PD-L012 | WM-12P |
|  | 20 | Plug, DTM, 12 way, A key, gray | DTM06-12SA | WM-12S |
|  | 20 | Plug, DTM, 12 way, A key, gray, end cap | DTM06-12SA-E003 | WM-12S |
|  | 20 | Plug, DTM, 12 way, A key, gray, shrink boot adapter | DTM06-12SA-E007 | WM-12S |
|  | 20 | Plug, DTM, 12 way, A key, black, high temp | DTM06-12SA-EE04 | WM-12S |
|  | 20 | Plug, DTM, 12 way, B key, black | DTM06-12SB | WM-12S |

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| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & i \\ & \underset{y}{2} \\ & \mathbf{N} \\ & \mathbf{N} \end{aligned}$ | 1.5K | Tab housing, HDSCS, 12 way, group D, 2 key, gray | 2-1564414-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 12 way, group D, 3 key, green, sealed flange | 3-1564520-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 12 way, group D, 3 key, green | 3-1564414-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 12 way, group D, 4 key, blue, sealed flange | 4-1564520-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 12 way, group D, 4 key, blue | 4-1564414-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 12 way, group D, 1 key, black | 1-1703639-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 12 way, group D, 2 key, gray | 2-1703639-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 12 way, group D, 3 key, green | 3-1703639-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 12 way, group D, 4 key, blue | 4-1703639-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 12 way, group E, 1 key, black | 1-1670901-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 12 way, group E, 2 key, gray | 2-1670901-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 12 way, group E, 3 key, green | 3-1670901-1 | Included |
|  | 2.8 | Recept. housing, HDSCS, 12 way, group E, 4 key, blue | 4-1670901-1 | Included |
| 14 CAVITY CONNECTORS |  |  |  |  |
|  | AMPSEAL |  |  |  |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776261-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776262-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776261-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776262-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776266-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776267-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776266-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, A key, black, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776267-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776261-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776261-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776262-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776266-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776267-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776266-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, B key, natural, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776267-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776261-4 | N/A |

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|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2 \\ & \frac{2}{2} \\ & \vdots \\ & \pm \end{aligned}$ | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776262-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776261-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776262-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776266-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776267-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776266-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, C key, gray, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776267-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776261-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776262-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776261-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776262-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776266-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776267-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776266-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 14 way, D key, blue, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776267-5 | N/A |
|  | 1.3 mm | Plug, AMPSEAL, 14 way, A key, black | 776273-1 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 14 way, B key, natural | 776273-2 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 14 way, C key, gray | 776273-4 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 14 way, D key, blue | 776273-5 | Included |
|  |  | HD30 Series |  |  |
|  | 16 | Recept., HD30, 18 shell, 14 way, E seal | HD34-18-14PE | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, E seal, cable clamp | HD34-18-14PE-059 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, E seal, adapter | HD34-18-14PE-072 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, N seal | HD34-18-14PN | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, N seal, cable clamp | HD34-18-14PN-059 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, N seal, adapter | HD34-18-14PN-072 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, N seal, chromated | HD34-18-14PN-HOO1 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, T seal | HD34-18-14PT | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, T seal, cable clamp | HD34-18-14PT-059 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, T seal, adapter | HD34-18-14PT-072 | N/A |
|  | 16 | Recept., HD30, 18 shell, 14 way, E seal, reverse | HD34-18-14SE | N/A |



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|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{7}{2}$ | $\begin{gathered} 12 \mathrm{sz} .16, \\ 1 \mathrm{sz} .12,1 \mathrm{sz} .4 \end{gathered}$ | Plug, HDP20, 24 shell, 14 way, black, N seal, reverse, ring adapter | HDP26-24-14PN-LO17 | N/A |
|  | $\begin{gathered} 12 \mathrm{sz} .16, \\ 1 \mathrm{sz} .12,1 \mathrm{sz} .4 \end{gathered}$ | Plug, HDP20, 24 shell, 14 way, black, E seal | HDP26-24-14SE | N/A |
|  | $\begin{gathered} 12 \mathrm{sz} .16, \\ 1 \mathrm{sz} .12,1 \mathrm{sz} .4 \end{gathered}$ | Plug, HDP20, 24 shell, 14 way, black, N seal | HDP26-24-14SN | N/A |
|  | $\begin{gathered} 12 \mathrm{sz} .16, \\ 1 \mathrm{sz} .12,1 \mathrm{sz} .4 \end{gathered}$ | Plug, HDP20, 24 shell, 14 way, black, N seal, threaded adapter | HDP26-24-14SN-LO15 | N/A |
|  | $\begin{gathered} 12 \mathrm{sz} .16 \\ 1 \mathrm{sz} .12,1 \mathrm{sz} .4 \end{gathered}$ | Plug, HDP2O, 24 shell, 14 way, black, N seal, ring adapter | HDP26-24-14SN-LO17 | N/A |

15 CAVITY CONNECTORS


16 CAVITY CONNECTORS

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|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ <br> TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | 12 sz . 1.5K, 4 sz. 2.8 | Recept. housing, HDSCS, 16 way, group E, 4 key, blue | 4-1564337-1 | Included |
| 18 CAVITY CONNECTORS |  |  |  |  |
| DTV Series |  |  |  |  |
|  | 16 | Recept., DTV, 18 way, A key, gray, sealed flange, gasket, end cap | DTV02-18PA | WV-18P |
|  | 16 | Recept., DTV, 18 way, B key, black, sealed flange, gasket, end cap | DTV02-18PB | WV-18P |
|  | 16 | Recept., DTV, 18 way, B key, black, sealed flange, gasket, end cap, cavities 7-12 blocked | DTV02-18PB-C032 | WV-18P |
|  | 16 | Recept., DTV, 18 way, C key, green, sealed flange, gasket, end cap | DTVO2-18PC | WV-18P |
|  | 16 | Recept., DTV, 18 way, D key, brown, sealed flange, gasket, end cap | DTV02-18PD | WV-18P |
|  | 16 | Plug, DTV, 18 way, A key, gray, end cap | DTV06-18SA | WV-18S |
|  | 16 | Plug, DTV, 18 way, B key, black, end cap | DTV06-18SB | WV-18S |
|  | 16 | Plug, DTV, 18 way, C key, green, end cap | DTV06-18SC | WV-18S |
|  | 16 | Plug, DTV, 18 way, D key, brown, end cap | DTV06-18SD | WV-18S |
|  | HD30 Series |  |  |  |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz} . \\ 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, N seal | HD34-24-18PN | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \text { sz. } 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, N seal, cable clamp | HD34-24-18PN-059 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz} .8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, N seal, adapter | HD34-24-18PN-O72 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz.} 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, E seal, reverse | HD34-24-18SE | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz} .8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, E seal, reverse, cable clamp | HD34-24-18SE-059 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz.} 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, E seal, reverse, adapter | HD34-24-18SE-072 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz} . \\ 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, N seal, reverse | HD34-24-18SN | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \text { sz. } 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, N seal, reverse, cable clamp | HD34-24-18SN-O59 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz} . \\ 8 \end{gathered}$ | Recept., HD30, 24 shell, 18 way, N seal, reverse, adapter | HD34-24-18SN-O72 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz} . \\ 8 \end{gathered}$ | Plug, HD30, 24 shell, 18 way, E seal, reverse | HD36-24-18PE | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \text { sz. } 8 \end{gathered}$ | Plug, HD30, 24 shell, 18 way, E seal, reverse, cable clamp | HD36-24-18PE-059 | N/A |

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| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz.} 8 \end{gathered}$ | Plug, HDP2O, 24 shell, 18 way, black, N seal, ring adapter | HDP26-24-18SN-LO17 | N/A |
|  | $\begin{gathered} 14 \mathrm{sz} .16 \\ 3 \mathrm{sz} .12,1 \mathrm{sz.} 8 \end{gathered}$ | Plug, HDP2O, 24 shell, 18 way, black, N seal, wide threaded adapter | HDP26-24-18SN-LO24 | N/A |
|  |  | HDSCS |  |  |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 1 key, black, sealed flange | 1-1564526-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 1 key, black | 1-1564412-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 2 key, gray, sealed flange | 2-1564526-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 2 key, gray | 2-1564412-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 3 key, green, sealed flange | 3-1564526-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 3 key, green | 3-1564412-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 4 key, blue, sealed flange | 4-1564526-1 | Included |
|  | 1.5K | Tab housing, HDSCS, 18 way, group E, 4 key, blue | 4-1564412-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 18 way, group E, 1 key, black | 1-1563759-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 18 way, group E, 2 key, gray | 2-1563759-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 18 way, group E, 3 key, green | 3-1563759-1 | Included |
|  | 1.5K | Recept. housing, HDSCS, 18 way, group E, 4 key, blue | 4-1563759-1 | Included |
|  | LEAVYSEAL |  |  |  |
|  | $12 \mathrm{sz} .1 .5 \mathrm{~K}, 6 \mathrm{sz} .2 .8$ | Tab housing, LEAVYSEAL, 18 way, group 1, A key, black, Vo | 1-1823448-2 | Included |
|  | $12 \mathrm{sz} .1 .5 \mathrm{~K}, 6 \mathrm{sz} .2 .8$ | Recept. housing, LEAVYSEAL, 18 way, group 1, A key, black, Vo | 1823440-2 | Included |

19 CAVITY CONNECTORS

| $\begin{aligned} & \text { Z } \\ & \substack{\text { B } \\ \text { O} \\ 0} \end{aligned}$ | HD30 Series |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 13 sz. 16, 6 sz. 12 | Recept., HD30, 24 shell, 19 way, E seal | HD34-24-19PE | N/A |
|  | 13 sz. 16, 6 sz. 12 | Recept., HD30, 24 shell, 19 way, E seal, cable clamp | HD34-24-19PE-059 | N/A |
|  | $13 \mathrm{sz} 16,.6 \mathrm{sz} .12$ | Recept., HD30, 24 shell, 19 way, E seal, adapter | HD34-24-19PE-072 | N/A |
|  | $13 \mathrm{sz} 16,.6 \mathrm{sz} .12$ | Recept., HD30, 24 shell, 19 way, N seal | HD34-24-19PN | N/A |
|  | $13 \mathrm{sz} 16,.6 \mathrm{sz} .12$ | Recept., HD30, 24 shell, 19 way, N seal, cable clamp | HD34-24-19PN-059 | N/A |
|  | $13 \mathrm{sz} 16,.6 \mathrm{sz} .12$ | Recept., HD30, 24 shell, 19 way, N seal, adapter | HD34-24-19PN-072 | N/A |
|  | $13 \mathrm{sz} 16,.6 \mathrm{sz} .12$ | Recept., HD30, 24 shell, 19 way, E seal, reverse | HD34-24-19SE | N/A |
|  | 13 sz. 16, 6 sz. 12 | Recept., HD30, 24 shell, 19 way, E seal, reverse, cable clamp | HD34-24-19SE-059 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Recept., HD30, 24 shell, 19 way, E seal, reverse, adapter | HD34-24-19SE-072 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Recept., HD30, 24 shell, 19 way, N seal, reverse | HD34-24-19SN | N/A |

ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{2}{8}$ | 13 sz. 16, 6 sz. 12 | Recept., HDP20, 24 shell, 19 way, black, N seal, reverse | HDP24-24-19SN | N/A |
|  | 13 sz. 16, 6 sz. 12 | Recept., HDP2O, 24 shell, 19 way, black, N seal, reverse, threaded adapter | HDP24-24-19SN-LO15 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Recept., HDP20, 24 shell, 19 way, black, N seal, reverse, ring adapter | HDP24-24-19SN-LO17 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, reverse | HDP26-24-19PE | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, reverse, threaded adapter | HDP26-24-19PE-L015 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, reverse, ring adapter | HDP26-24-19PE-L017 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, reverse, wide threaded adapter | HDP26-24-19PE-L024 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, N seal, reverse | HDP26-24-19PN | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP2O, 24 shell, 19 way, black, N seal, reverse, threaded adapter | HDP26-24-19PN-L015 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, N seal, reverse, ring adapter | HDP26-24-19PN-LO17 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal | HDP26-24-19SE | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, threaded adapter | HDP26-24-19SE-L015 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, ring adapter | HDP26-24-19SE-L017 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, E seal, wide threaded adapter | HDP26-24-19SE-LO24 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, N seal | HDP26-24-19SN | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP20, 24 shell, 19 way, black, N seal, threaded adapter | HDP26-24-19SN-LO15 | N/A |
|  | 13 sz. 16, 6 sz. 12 | Plug, HDP2O, 24 shell, 19 way, black, N seal, ring adapter | HDP26-24-19SN-LO17 | N/A |

## 20 CAVITY CONNECTORS

| $\frac{2}{2}$ | HD30 Series |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 18 sz. 20, 2 sz. 16 | Recept., HD30, 18 shell, 20 way, N seal | HD34-18-2OPN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HD30, 18 shell, 20 way, N seal, cable clamp | HD34-18-20PN-059 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HD30, 18 shell, 20 way, N seal, adapter | HD34-18-2OPN-072 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HD30, 18 shell, 20 way, N seal, reverse | HD34-18-2OSN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HD30, 18 shell, 20 way, N seal, reverse, cable clamp | HD34-18-2OSN-059 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HD30, 18 shell, 20 way, N seal, reverse, adapter | HD34-18-2OSN-072 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HD30, 18 shell, 20 way, N seal, reverse | HD36-18-20PN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HD30, 18 shell, 20 way, N seal, reverse, cable clamp | HD36-18-2OPN-059 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HD30, 18 shell, 20 way, N seal, reverse, adapter | HD36-18-2OPN-072 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HD30, 18 shell, 20 way, N seal | HD36-18-20SN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HD30, 18 shell, 20 way, N seal, cable clamp | HD36-18-2OSN-059 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HD30, 18 shell, 20 way, N seal, adapter | HD36-18-2OSN-072 | N/A |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | HDB Series |  |  |  |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDB30, 18 shell, 20 way, N seal, reverse, breakaway | HDB36-18-2OPN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDB30, 18 shell, 20 way, N seal, reverse, breakaway, cable clamp | HDB36-18-2OPN-059 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDB30, 18 shell, 20 way, N seal, breakaway | HDB36-18-20SN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDB30, 18 shell, 20 way, N seal, breakaway, cable clamp | HDB36-18-20SN-059 | N/A |
|  | HDP20 Series |  |  |  |
|  | 18 sz. 20, 2 sz. 16 | Recept., HDP20, 18 shell, 20 way, black, E seal | HDP24-18-20PE | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HDP20, 18 shell, 20 way, black, E seal, ring adapter | HDP24-18-20PE-L017 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HDP20, 18 shell, 20 way, black, E seal, wide threaded adapter | HDP24-18-2OPE-L024 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HDP20, 18 shell, 20 way, black, N seal | HDP24-18-2OPN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HDP20, 18 shell, 20 way, black, N seal, ring adapter | HDP24-18-20PN-L017 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Recept., HDP20, 18 shell, 20 way, black, N seal, wide threaded adapter | HDP24-18-2OPN-L024 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, N seal, reverse | HDP26-18-2OPN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, E seal | HDP26-18-20SE | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, E seal, ring adapter | HDP26-18-2OSE-L017 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, E seal, wide threaded adapter | HDP26-18-20SE-L024 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, N seal | HDP26-18-20SN | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, N seal, ring adapter | HDP26-18-20SN-L017 | N/A |
|  | 18 sz. 20, 2 sz. 16 | Plug, HDP20, 18 shell, 20 way, black, N seal, wide threaded adapter | HDP26-18-2OSN-LO24 | N/A |
| 21 CAVITY CONNECTORS |  |  |  |  |
| $\frac{i}{2}$ | HD30 Series |  |  |  |
|  | 20 | Recept., HD30, 18 shell, 21 way, N seal | HD34-18-21PN | N/A |
|  | 20 | Recept., HD30, 18 shell, 21 way, N seal, cable clamp | HD34-18-21PN-059 | N/A |
|  | $20$ | Recept., HD30, 18 shell, 21 way, N seal, adapter | HD34-18-21PN-072 | N/A |
|  | $20$ | Recept., HD30, 18 shell, 21 way, N seal, reverse | HD34-18-21SN | N/A |
|  | 20 | Recept., HD30, 18 shell, 21 way, N seal, reverse, cable clamp | HD34-18-21SN-059 | N/A |
|  | 20 | Recept., HD30, 18 shell, 21 way, N seal, reverse, adapter | HD34-18-21SN-072 | N/A |
|  | 17 sz. 16, 4 sz. 12 | Recept., HD30, 24 shell, 21 way, E seal | HD34-24-21PE | N/A |
|  | 17 sz. 16, 4 sz. 12 | Recept., HD30, 24 shell, 21 way, E seal, cable clamp | HD34-24-21PE-059 | N/A |
|  | 17 sz. 16, 4 sz. 12 | Recept., HD30, 24 shell, 21 way, E seal, adapter | HD34-24-21PE-072 | N/A |
|  | 17 sz. 16, 4 sz. 12 | Recept., HD30, 24 shell, 21 way, N seal | HD34-24-21PN | N/A |

## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \frac{2}{5} \\ & \frac{8}{i} \\ & \frac{1}{N} \end{aligned}$ | 17 sz. 16, 4 sz. 12 | Plug, HDP2O, 24 shell, 21 way, black, E seal | HDP26-24-21SE | N/A |
|  | 17 sz. 16, 4 sz. 12 | Plug, HDP20, 24 shell, 21 way, black, E seal, threaded adapter | HDP26-24-21SE-L015 | N/A |
|  | $17 \mathrm{sz} 16,$.4 sz. 12 | Plug, HDP2O, 24 shell, 21 way, black, E seal, ring adapter | HDP26-24-21SE-L017 | N/A |
|  | 17 sz. 16, 4 sz. 12 | Plug, HDP2O, 24 shell, 21 way, black, E seal, wide threaded adapter | HDP26-24-21SE-LO24 | N/A |
|  | $17 \mathrm{sz} .16,4$ sz. 12 | Plug, HDP20, 24 shell, 21 way, black, N seal | HDP26-24-21SN | N/A |
|  | $17 \mathrm{sz} .16,4 \mathrm{sz} .12$ | Plug, HDP2O, 24 shell, 21 way, black, N seal, threaded adapter | HDP26-24-21SN-LO15 | N/A |
|  | $17 \mathrm{sz} .16,4 \mathrm{sz} .12$ | Plug, HDP2O, 24 shell, 21 way, black, N seal, ring adapter | HDP26-24-21SN-LO17 | N/A |
|  | 17 sz. 16, 4 sz. 12 | Plug, HDP2O, 24 shell, 21 way, black, N seal, wide threaded adapter | HDP26-24-21SN-LO24 | N/A |
|  |  | LEAVYSEAL |  |  |
|  | 2.8 | Tab housing, LEAVYSEAL, 21 way, group 2, A key, black, sealed flange | 1-2112162-1 | Included |
|  | 2.8 | Tab housing, LEAVYSEAL, 21 way, group 2, A key, black, $180^{\circ}$ molded pins, PCB mount | 1534238-1 | N/A |
|  | 2.8 | Tab housing, LEAVYSEAL, 21 way, group 2, B key, natural, sealed flange | 2-2112162-1 | Included |
|  | 2.8 | Tab housing, LEAVYSEAL, 21 way, group 2, C key, blue, sealed flange | 3-2112162-1 | Included |
|  | 2.8 | Tab housing, LEAVYSEAL, 21 way, group 2, D key, violet, sealed flange | 4-2112162-1 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 21 way, group 2, A key, black | 1-1534127-1 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 21 way, group 2, A key, black, Vo | 1-2208686-1 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 21 way, group 2, B key, natural | 2-1534127-1 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 21 way, group 2, C key, blue | 3-1534127-1 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 21 way, group 2, D key, violet | 4-1534127-1 | Included |
|  |  | 22 CAVITY CONNECTORS |  |  |
| $\begin{aligned} & \underset{Z}{2} \\ & \underset{N}{Z} \\ & \mathbb{N} \end{aligned}$ |  | LEAVYSEAL |  |  |
|  | 16 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 22 way, group 1, A key, black, Vo | 1-1823449-1 | Included |
|  | 16 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 22 way, group 1, B key, gray, Vo | 2-1823449-1 | Included |
|  | 16 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 22 way, group 1, A key, black, Vo | 1-1823440-3 | Included |
|  | 16 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 22 way, group 1, B key, gray, Vo | 2-1823440-3 | Included |
|  | 16 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 22 way, group 1, C key, blue, Vo | 3-1823440-3 | Included |
|  | 16 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 22 way, group 1, D key, green, Vo | 4-1823440-3 | Included |
|  |  | 23 CAVITY CONNECTORS |  |  |
| N |  | AMPSEAL |  |  |
|  | 1.3 mm | Header, AMPSEAL, 23 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776200-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 23 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776228-1 | N/A |



## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | 16 | Recept., HDP2O, 24 shell, 23 way, black, T seal | HDP24-24-23PT | N/A |
|  | 16 | Recept., HDP2O, 24 shell, 23 way, black, T seal, threaded adapter | HDP24-24-23PT-L015 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, T seal, ring adapter | HDP24-24-23PT-L017 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, E seal, reverse | HDP24-24-23SE | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, E seal, reverse, threaded adapter | HDP24-24-23SE-L015 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, E seal, reverse, ring adapter | HDP24-24-23SE-L017 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, N seal, reverse | HDP24-24-23SN | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, N seal, reverse, threaded adapter | HDP24-24-23SN-LO15 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, N seal, reverse, ring adapter | HDP24-24-23SN-LO17 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, T seal, reverse | HDP24-24-23ST | N/A |
|  | 16 | Recept., HDP2O, 24 shell, 23 way, black, T seal, reverse, threaded adapter | HDP24-24-23ST-L015 | N/A |
|  | 16 | Recept., HDP20, 24 shell, 23 way, black, T seal, reverse, ring adapter | HDP24-24-23ST-L017 | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, E seal, reverse | HDP26-24-23PE | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, E seal, reverse, threaded adapter | HDP26-24-23PE-L015 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, E seal, reverse, ring adapter | HDP26-24-23PE-L017 | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, N seal, reverse | HDP26-24-23PN | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, N seal, reverse, threaded adapter | HDP26-24-23PN-LO15 | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, N seal, reverse, ring adapter | HDP26-24-23PN-LO17 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, T seal, reverse | HDP26-24-23PT | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, T seal, reverse, threaded adapter | HDP26-24-23PT-L015 | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, T seal, reverse, ring adapter | HDP26-24-23PT-L017 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, E seal | HDP26-24-23SE | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, E seal, threaded adapter | HDP26-24-23SE-L015 | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, E seal, ring adapter | HDP26-24-23SE-L017 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, E seal, wide threaded adapter | HDP26-24-23SE-LO24 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, N seal | HDP26-24-23SN | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, N seal, threaded adapter | HDP26-24-23SN-LO15 | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, N seal, ring adapter | HDP26-24-23SN-LO17 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, T seal | HDP26-24-23ST | N/A |
|  | 16 | Plug, HDP2O, 24 shell, 23 way, black, T seal, threaded adapter | HDP26-24-23ST-L015 | N/A |
|  | 16 | Plug, HDP20, 24 shell, 23 way, black, T seal, ring adapter | HDP26-24-23ST-L017 | N/A |



## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} 2 \\ i \\ i \\ i \\ i \end{gathered}$ | 16 | Recept., DRC10, 24 way, A key, black, flange, $180^{\circ}$ molded pins, PCB mount | DRC10-24PA-A004 | N/A |
|  | 16 | Recept., DRC10, 24 way, B key, black, flange, $180^{\circ}$ solder pots | DRC10-24PB | N/A |
|  | 16 | Recept., DRC10, 24 way, B key, black, flange, $180^{\circ}$ molded pins, PCB mount | DRC10-24PB-A004 | N/A |
|  | 16 | Recept., DRC10, 24 way, C key, black, flange, $180^{\circ}$ molded pins, PCB mount | DRC10-24PC-A004 | N/A |
|  | 16 | Recept., DRC13, 24 way, A key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-24PA | N/A |
|  | 16 | Recept., DRC13, 24 way, A key, black, $90^{\circ}$ molded pins, PCB mount, outside rows gold, inside rows tin | DRC13-24PA-G002 | N/A |
|  | 16 | Recept., DRC13, 24 way, B key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-24PB | N/A |
|  | 16 | Recept., DRC13, 24 way, C key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-24PC | N/A |
|  | 20 | Recept., DRC23, 24 way, A key, black, $90^{\circ}$ molded pins, PCB mount | DRC23-24PA | N/A |
|  | 20 | Recept., DRC23, 24 way, B key, black, $90^{\circ}$ molded pins, PCB mount | DRC23-24PB | N/A |
|  | DT13 EEC Headers |  |  |  |
|  | 16 | Recept., DT13, 24 way, enhanced A \& B key, black, $90^{\circ}$ molded pins, DT EEC PCB header | DT13-24PAB-RO15 | N/A |
|  | DTM13 EEC Headers |  |  |  |
|  | 20 | Recept., DTM13, 24 way, A \& B key, black, $90^{\circ}$ molded gold pins, DTM EEC PCB header | DTM13-12PA-12PBGRO1 | N/A |
|  | 20 | Recept., DTM13, 24 way, A \& B key, black, $90^{\circ}$ molded pins, DTM EEC PCB header | $\begin{aligned} & \text { DTM13-12PA-12PB- } \\ & \text { R008 } \end{aligned}$ | N/A |
|  | 20 | Recept., DTM13, 24 way, C \& D key, black, $90^{\circ}$ molded pins, DTM EEC PCB header | $\begin{aligned} & \text { DTM13-12PC-12PD- } \\ & \text { R008 } \end{aligned}$ | N/A |

## 26 CAVITY CONNECTORS

|  | LEAVYSEAL |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 12 \text { sz. } 1.5 \mathrm{~K}, 12 \mathrm{sz} .2 .8, \\ 2 \mathrm{sz} .6 .3 \end{gathered}$ | Tab housing, LEAVYSEAL, 26 way, group 3, A key, black, VO, cable outlet left | 1-2112041-1 | Included |
|  | $\begin{gathered} 12 \text { sz. } 1.5 \mathrm{~K}, 12 \mathrm{sz} .2 .8, \\ 2 \mathrm{sz} .6 .3 \end{gathered}$ | Tab housing, LEAVYSEAL, 26 way, group 3, A key, black, Vo, cable outlet right | 1-2112041-2 | Included |
|  | $\begin{gathered} 12 \text { sz. } 1.5 \mathrm{~K}, 12 \mathrm{sz} .2 .8 \\ 2 \mathrm{sz} .6 .3 \end{gathered}$ | Recept. housing, LEAVYSEAL, 26 way, group 3, A key, black, Vo | 1-2112035-1 | Included |
|  | Superseal 1.0 |  |  |  |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 1 key ( 4 row), black, $180^{\circ}$ molded gold pins, PCB mount, upper locking | 6437288-6 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 9-6437287-8 | N/A |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, lower locking | 5-6447223-0 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 1 key (4 row), black, $90^{\circ}$ molded gold pins, PCB mount, double locking | 2-6437285-8 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 1 key (2 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6473711-1 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 1 key ( 2 row), black, $90^{\circ}$ molded gold pins, PCB mount, lower locking | 6473711-2 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 2 key ( 4 row), black, $180^{\circ}$ molded gold pins, PCB mount, upper locking | 6473418-1 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 2 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 9-6437287-9 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 2 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, lower locking | 6437288-4 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 2 key (4 row), black, $90^{\circ}$ molded gold pins, PCB mount, double locking | 2-6437285-9 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 3 key ( 4 row), black, $180^{\circ}$ molded gold pins, PCB mount, upper locking | 6473418-2 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 3 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6473423-1 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 26 way, 4 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6473423-2 | N/A |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 1 key (4 row), black, upper or lower locking | 3-1437290-7 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 1 key ( 4 row), black, double locking | 2-1437285-2 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 1 key (2 row), black, upper or lower locking | 1473712-1 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 2 key (4 row), black, upper or lower locking | 3-1437290-8 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 2 key (4 row), black, double locking | 1-1447232-7 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 3 key ( 4 row), black, upper or lower locking | 1473416-1 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 26 way, 4 key (4 row), black, upper or lower locking | 1473416-2 | Included |
| 28 CAVITY CONNECTORS |  |  |  |  |
|  | AMPSEAL |  |  |  |
|  | $4 \mathrm{sz} .12,24 \mathrm{sz} .16$ | Cap, AMPSEAL 16 hybrid lever, 28 way, A key, black | 2138846-1 | Included |
|  | $4 \mathrm{sz} .12,24 \mathrm{sz} .16$ | Cap, AMPSEAL 16 hybrid lever, 28 way, B key, brown | 2138846-2 | Included |
|  | 4 sz. 12, 24 sz. 16 | Plug, AMPSEAL 16 hybrid lever, 28 way, A key, black | 2138839-1 | Included |
|  | 4 sz. 12, 24 sz. 16 | Plug, AMPSEAL 16 hybrid lever, 28 way, B key, brown | 2138839-2 | Included |

## ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & i \\ & \frac{2}{2} \\ & i \\ & i \\ & i \end{aligned}$ | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Recept., HDP20, 24 shell, 29 way, black, E seal, wide threaded adapter | HDP24-24-29PE- LO24 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Recept., HDP20, 24 shell, 29 way, black, E seal, reverse | HDP24-24-29SE | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Recept., HDP20, 24 shell, 29 way, black, E seal, reverse, threaded adapter | HDP24-24-29SE-L015 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Recept., HDP20, 24 shell, 29 way, black, E seal, reverse, ring adapter | HDP24-24-29SE-L017 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Recept., HDP20, 24 shell, 29 way, black, E seal, reverse, wide threaded adapter | HDP24-24-29SE-LO24 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP20, 24 shell, 29 way, black, E seal, reverse | HDP26-24-29PE | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP20, 24 shell, 29 way, black, E seal, reverse, threaded adapter | HDP26-24-29PE-L015 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP20, 24 shell, 29 way, black, E seal, reverse, ring adapter | HDP26-24-29PE-L017 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP20, 24 shell, 29 way, black, E seal | HDP26-24-29SE | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP2O, 24 shell, 29 way, black, E seal, threaded adapter | HDP26-24-29SE-L015 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP2O, 24 shell, 29 way, black, E seal, ring adapter | HDP26-24-29SE-L017 | N/A |
|  | $\begin{gathered} 19 \mathrm{sz} .16 \\ 6 \mathrm{sz} .20,4 \mathrm{sz} .12 \end{gathered}$ | Plug, HDP2O, 24 shell, 29 way, black, E seal, wide threaded adapter | HDP26-24-29SE-LO24 | N/A |
|  | LEAVYSEAL |  |  |  |
|  | $\begin{gathered} 26 \text { sz. } 1.5 \mathrm{~K}, 2 \mathrm{sz.} 2.8, \\ 1 \mathrm{sz} .6 .3 \end{gathered}$ | Recept. housing, LEAVYSEAL, 29 way, group 2, A key, black, Vo | 1-1823402-1 | Included |
|  | $\begin{gathered} 26 \text { sz. } 1.5 \mathrm{~K}, 2 \text { sz. 2.8, } \\ 1 \text { sz. } 6.3 \end{gathered}$ | Recept. housing, LEAVYSEAL, 29 way, group 2, A key, gray, Vo | 2-1823402-1 | Included |
|  | $\begin{gathered} 26 \text { sz. } 1.5 \mathrm{~K}, 2 \mathrm{sz} .2 .8, \\ 1 \mathrm{sz} .6 .3 \end{gathered}$ | Recept. housing, LEAVYSEAL, 29 way, group 2, A key, blue, Vo | 3-1823402-1 | Included |
| 31 CAVITY CONNECTORS |  |  |  |  |
| $\frac{z}{i}$ | HD30 Series |  |  |  |
|  | 16 | Recept., HD30, 24 shell, 31 way, E seal | HD34-24-31PE | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, E seal, cable clamp | HD34-24-31PE-059 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, E seal, adapter | HD34-24-31PE-072 | N/A |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Z } \\ & \frac{2}{8} \\ & \text { in } \end{aligned}$ | 16 | Recept., HD30, 24 shell, 31 way, T seal | HD34-24-31PT | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, T seal, cable clamp | HD34-24-31PT-059 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, T seal, adapter | HD34-24-31PT-072 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, T seal, custom mount | HD34-24-31PT-B019 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, E seal, reverse | HD34-24-31SE | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, E seal, reverse, cable clamp | HD34-24-31SE-059 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, E seal, reverse, adapter | HD34-24-31SE-072 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, T seal, reverse | HD34-24-31ST | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, T seal, reverse, cable clamp | HD34-24-31ST-059 | N/A |
|  | 16 | Recept., HD30, 24 shell, 31 way, T seal, reverse, adapter | HD34-24-31ST-072 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, E seal, reverse | HD36-24-31PE | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, E seal, reverse, cable clamp | HD36-24-31PE-059 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, E seal, reverse, adapter | HD36-24-31PE-072 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal, reverse | HD36-24-31PT | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal, reverse, cable clamp | HD36-24-31PT-059 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal, reverse, adapter | HD36-24-31PT-072 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, E seal | HD36-24-31SE | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, E seal, cable clamp | HD36-24-31SE-059 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, E seal, adapter | HD36-24-31SE-072 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal | HD36-24-31ST | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal, cable clamp | HD36-24-31ST-059 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal, adapter | HD36-24-31ST-072 | N/A |
|  | 16 | Plug, HD30, 24 shell, 31 way, T seal, custom mount | HD36-24-31ST-B019 | N/A |
|  | HDB Series |  |  |  |
|  | 16 | Plug, HDB30, 24 shell, 31 way, T seal, reverse, breakaway | HDB36-24-31PT | N/A |
|  | 16 | Plug, HDB30, 24 shell, 31 way, T seal, reverse, breakaway, cable clamp | HDB36-24-31PT-059 | N/A |
|  | 16 | Plug, HDB30, 24 shell, 31 way, E seal, breakaway | HDB36-24-31SE | N/A |
|  | 16 | Plug, HDB30, 24 shell, 31 way, E seal, breakaway, cable clamp | HDB36-24-31SE-059 | N/A |
|  | 16 | Plug, HDB30, 24 shell, 31 way, E seal, breakaway, adapter | HDB36-24-31SE-072 | N/A |
|  | 16 | Plug, HDB30, 24 shell, 31 way, T seal, breakaway | HDB36-24-31ST | N/A |
|  | $16$ | Plug, HDB30, 24 shell, 31 way, T seal, breakaway, cable clamp | HDB36-24-31ST-059 | N/A |

ELECTRICAL CONNECTORS


## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 32 CAVITY CONNECTORS |  |  |  |  |
| STRIKE Series |  |  |  |  |
| $\begin{aligned} & \text { Z } \\ & \frac{2}{S} \\ & \text { S } \\ & \text { N } \end{aligned}$ | 4 sz. 16, 28 sz. 20 | Recept., STRIKE, MD shell, 32 way, A key, black, sealed flange | SRK02-MDA-32A-001 | Included |
|  | 4 sz. 16, 28 sz. 20 | Recept., STRIKE, MD shell, 32 way, B key, black, sealed flange | SRKO2-MDB-32A-001 | Included |
|  | 4 sz. 16, 28 sz. 20 | Recept., STRIKE, MD shell, 32 way, C key, black, sealed flange | SRK02-MDC-32A-001 | Included |
|  | $4 \mathrm{sz} .16,28$ sz 20 | Plug, STRIKE, MD shell, 32 way, A key, black | SRK06-MDA-32A-001 | Included |
|  | $4 \mathrm{sz} .16,28$ sz 20 | Plug, STRIKE, MD shell, 32 way, B key, black | SRK06-MDB-32A-001 | Included |
|  | STRIKE 13/15 Series |  |  |  |
|  | 4 sz. 16, 8 sz. 20 | Recept., STRIKE13, MD shell, 32 way, A key, black, $90^{\circ}$ molded pins, PCB mount, sealed flange | SRK13-MDA-32A-001 | N/A |
|  | 4 sz. 16, 28 sz. 20 | Recept., STRIKE13, MD shell, 32 way, B key, black, $90^{\circ}$ molded pins, PCB mount, sealed flange | SRK13-MDB-32A-001 | N/A |
|  | 4 sz. 16, 28 sz. 20 | Recept., STRIKE15, MD shell, 32 way, A key, black, $180^{\circ}$ molded pins, PCB mount, sealed flange | SRK15-MDA-32A-001 | N/A |
| 33 CAVITY CONNECTORS |  |  |  |  |
| HD30 Series |  |  |  |  |
| $\begin{aligned} & z \\ & i \\ & \hline \mathbf{i} \\ & \text { B } \\ & \text { M } \end{aligned}$ | 20 | Recept., HD30, 24 shell, 33 way, N seal | HD34-24-33PN | N/A |
|  | 20 | Recept., HD30, 24 shell, 33 way, N seal, cable clamp | HD34-24-33PN-059 | N/A |
|  | 20 | Recept., HD30, 24 shell, 33 way, N seal, adapter | HD34-24-33PN-072 | N/A |
|  | 20 | Recept., HD30, 24 shell, 33 way, N seal, reverse | HD34-24-33SN | N/A |
|  | 20 | Recept., HD30, 24 shell, 33 way, N seal, reverse, cable clamp | HD34-24-33SN-O59 | N/A |
|  | 20 | Recept., HD30, 24 shell, 33 way, N seal, reverse, adapter | HD34-24-33SN-072 | N/A |
|  | 20 | Plug, HD30, 24 shell, 33 way, N seal, reverse | HD36-24-33PN | N/A |
|  | 20 | Plug, HD30, 24 shell, 33 way, N seal, reverse, cable clamp | HD36-24-33PN-O59 | N/A |
|  | 20 | Plug, HD30, 24 shell, 33 way, N seal, reverse, adapter | HD36-24-33PN-072 | N/A |
|  | 20 | Plug, HD30, 24 shell, 33 way, N seal | HD36-24-33SN | N/A |
|  | 20 | Plug, HD30, 24 shell, 33 way, N seal, cable clamp | HD36-24-33SN-059 | N/A |
|  | 20 | Plug, HD30, 24 shell, 33 way, N seal, adapter | HD36-24-33SN-072 | N/A |
|  | HDB Series |  |  |  |
|  | 20 | Plug, HDB30, 24 shell, 33 way, N seal, reverse, breakaway | HDB36-24-33PN | N/A |
|  | 20 | Plug, HDB30, 24 shell, 33 way, N seal, reverse, breakaway, cable clamp | HDB36-24-33PN-059 | N/A |
|  | 20 | Plug, HDB30, 24 shell, 33 way, N seal, breakaway | HDB36-24-33SN | N/A |
|  | 20 | Plug, HDB30, 24 shell, 33 way, N seal, breakaway, cable clamp | HDB36-24-33SN-059 | N/A |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2 \\ & \frac{2}{⿺} \\ & \hline \mathbf{N} \\ & \text { M } \end{aligned}$ | HDP20 Series |  |  |  |
|  | 20 | Recept., HDP2O, 24 shell, 33 way, black, N seal | HDP24-24-33PN | N/A |
|  | 20 | Recept., HDP2O, 24 shell, 33 way, black, N seal, threaded adapter | HDP24-24-33PN-LO15 | N/A |
|  | 20 | Recept., HDP20, 24 shell, 33 way, black, N seal, ring adapter | HDP24-24-33PN-L017 | N/A |
|  | 20 | Recept., HDP20, 24 shell, 33 way, black, N seal, reverse | HDP24-24-33SN | N/A |
|  | 20 | Recept., HDP20, 24 shell, 33 way, black, N seal, reverse, threaded adapter | HDP24-24-33SN-LO15 | N/A |
|  | 20 | Recept., HDP20, 24 shell, 33 way, black, N seal, reverse, ring adapter | HDP24-24-33SN-LO17 | N/A |
|  | 20 | Plug, HDP2O, 24 shell, 33 way, black, N seal, reverse | HDP26-24-33PN | N/A |
|  | 20 | Plug, HDP2O, 24 shell, 33 way, black, N seal, reverse, threaded adapter | HDP26-24-33PN-LO15 | N/A |
|  | 20 | Plug, HDP2O, 24 shell, 33 way, black, N seal, reverse, ring adapter | HDP26-24-33PN-L017 | N/A |
|  | 20 | Plug, HDP20, 24 shell, 33 way, black, N seal | HDP26-24-33SN | N/A |
|  | 20 | Plug, HDP20, 24 shell, 33 way, black, N seal, threaded adapter | HDP26-24-33SN-LO15 | N/A |
|  | 20 | Plug, HDP20, 24 shell, 33 way, black, N seal, ring adapter | HDP26-24-33SN-LO17 | N/A |
| 34 CAVITY CONNECTORS |  |  |  |  |
| $\begin{aligned} & \text { k } \\ & \stackrel{y}{c} \\ & \text { U } \\ & \text { M } \end{aligned}$ | Superseal 1.0 |  |  |  |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 1 key ( 4 row), black, $180^{\circ}$ molded gold pins, PCB mount, upper locking | 2-6447232-3 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6437288-1 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, lower locking | 2-6437285-5 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 1 key (4 row), black, $90^{\circ}$ molded gold pins, PCB mount, double locking | 3-6437285-0 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 2 key ( 4 row), black, $180^{\circ}$ molded gold pins, PCB mount, upper locking | 2-6447232-4 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 2 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6437288-2 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 2 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, lower locking | 2-6437285-6 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 34 way, 2 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, double locking | 3-6437285-1 | N/A |
|  | 1.0 mm | Plug, Superseal 1.0, 34 way, 1 key (4 row), black, upper or lower locking | 4-1437290-0 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 34 way, 2 key ( 4 row), black, upper or lower locking | 4-1437290-1 | Included |
|  | 1.0 mm | Plug, Superseal 1.0, 34 way, 1 key ( 4 row), black, double locking | 2-1437285-3 | Included |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.0 mm | Plug, Superseal 1.0, 34 way, 2 key (4 row), black, double locking | 3-1437290-9 | Included |
| 35 CAVITY CONNECTORS |  |  |  |  |
|  |  | AMPSEAL |  |  |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776230-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776231-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776230-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776231-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776180-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776163-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776180-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, A key, black, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776163-1 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776230-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776231-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776230-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776231-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776180-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776163-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776180-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, B key, natural, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776163-2 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776230-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776231-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776230-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776231-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776180-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776163-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776180-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, C key, gray, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776163-4 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $180^{\circ}$ molded tin pins, PCB mount, without seal | 776230-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $180^{\circ}$ molded tin pins, PCB mount, with seal | 776231-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $180^{\circ}$ molded gold pins, PCB mount, without seal | 1-776230-5 | N/A |
|  | $1.3 \text { mm }$ | Header, AMPSEAL, 35 way, D key, blue, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776231-5 | N/A |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $90^{\circ}$ molded tin pins, PCB mount, without seal | 776180-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $90^{\circ}$ molded tin pins, PCB mount, with seal | 776163-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776180-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, D key, blue, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776163-5 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, E key, orange, $180^{\circ}$ molded gold pins, PCB mount, with seal | 1-776231-6 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, E key, orange, $90^{\circ}$ molded gold pins, PCB mount, without seal | 1-776180-6 | N/A |
|  | 1.3 mm | Header, AMPSEAL, 35 way, E key, orange, $90^{\circ}$ molded gold pins, PCB mount, with seal | 1-776163-6 | N/A |
|  | 1.3 mm | Plug, AMPSEAL, 35 way, A key, black | 776164-1 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 35 way, B key, natural | 776164-2 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 35 way, C key, gray | 776164-4 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 35 way, D key, blue | 776164-5 | Included |
|  | 1.3 mm | Plug, AMPSEAL, 35 way, E key, orange | 776164-6 | Included |
|  | HD30 Series |  |  |  |
|  | 32 sz. 20, 3 sz. 16 | Recept., HD30, 24 shell, 35 way, N seal | HD34-24-35PN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HD30, 24 shell, 35 way, N seal, cable clamp | HD34-24-35PN-059 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HD30, 24 shell, 35 way, N seal, adapter | HD34-24-35PN-072 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HD30, 24 shell, 35 way, N seal, reverse | HD34-24-35SN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HD30, 24 shell, 35 way, N seal, reverse, cable clamp | HD34-24-35SN-059 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HD30, 24 shell, 35 way, N seal, reverse, adapter | HD34-24-35SN-072 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HD30, 24 shell, 35 way, N seal, reverse | HD36-24-35PN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HD30, 24 shell, 35 way, N seal, reverse, cable clamp | HD36-24-35PN-059 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HD30, 24 shell, 35 way, N seal, reverse, adapter | HD36-24-35PN-072 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HD30, 24 shell, 35 way, N seal | HD36-24-35SN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HD30, 24 shell, 35 way, N seal, cable clamp | HD36-24-35SN-059 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HD30, 24 shell, 35 way, N seal, adapter | HD36-24-35SN-072 | N/A |
|  | HDB Series |  |  |  |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDB30, 24 shell, 35 way, N seal, reverse, breakaway | HDB36-24-35PN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDB30, 24 shell, 35 way, N seal, reverse, breakaway, cable clamp | HDB36-24-35PN-059 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDB30, 24 shell, 35 way, N seal, breakaway | HDB36-24-35SN | N/A |
|  | HDP20 Series |  |  |  |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, E seal | HDP24-24-35PE | N/A |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2 \\ & \frac{2}{8} \\ & 10 \\ & M \end{aligned}$ | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, E seal, threaded adapter | HDP24-24-35PE-LO15 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, E seal, ring adapter | HDP24-24-35PE-LO17 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, E seal, wide threaded adapter | HDP24-24-35PE-LO24 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, N seal | HDP24-24-35PN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP2O, 24 shell, 35 way, black, N seal, threaded adapter | HDP24-24-35PN-LO15 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP2O, 24 shell, 35 way, black, N seal, ring adapter | HDP24-24-35PN-LO17 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, E seal, reverse | HDP24-24-35SE | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP2O, 24 shell, 35 way, black, N seal, reverse | HDP24-24-35SN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, N seal, reverse, threaded adapter | HDP24-24-35SN-LO15 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Recept., HDP20, 24 shell, 35 way, black, N seal, reverse, ring adapter | HDP24-24-35SN-LO17 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP2O, 24 shell, 35 way, black, N seal, reverse | HDP26-24-35PN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, N seal, reverse, threaded adapter | HDP26-24-35PN-LO15 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, N seal, reverse, ring adapter | HDP26-24-35PN-LO17 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, E seal | HDP26-24-35SE | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, E seal, threaded adapter | HDP26-24-35SE-LO15 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, E seal, wide threaded adapter | HDP26-24-35SE-LO24 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, N seal | HDP26-24-35SN | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, N seal, threaded adapter | HDP26-24-35SN-LO15 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP2O, 24 shell, 35 way, black, N seal, ring adapter | HDP26-24-35SN-LO17 | N/A |
|  | 32 sz. 20, 3 sz. 16 | Plug, HDP20, 24 shell, 35 way, black, N seal, wide threaded adapter | $\begin{aligned} & \text { HDP26-24-35SN- } \\ & \text { LO24 } \end{aligned}$ | N/A |

36 CAVITY CONNECTORS

| $\stackrel{0}{\mathrm{~m}}$ | DT13 EEC Headers |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 16 | Recept., DT13, 36 way, enhanced A, B, \& C key, black, $90^{\circ}$ molded pins, DT EEC PCB header | DT13-36PABC-R015 | N/A |
| 38 CAVITY CONNECTORS |  |  |  |  |
| DRC Series |  |  |  |  |
| $\underset{\sim}{\infty}$ | 34 sz. 20, 4 sz. 12 | Plug, DRC, 38 way, 01 key, black, stainless steel retaining clip | DRC26-38SO1-P017 | N/A |
|  | 34 sz. 20, 4 sz. 12 | Plug, DRC, 38 way, 02 key, black, stainless steel retaining clip | DRC26-38SO2-P017 | N/A |

39 CAVITY CONNECTORS

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 2 <br> 2 <br> $>$ <br>  <br> $\mathbf{i}$ | LEAVYSEAL |  |  |  |
|  | 2.8 | Tab housing, LEAVYSEAL, 39 way, group 5, E key, emerald green | 5-1718323-1 | Included |
|  | 2.8 | Tab housing, LEAVYSEAL, 39 way, group 5, E key, emerald green, $180^{\circ}$ molded pins, PCB mount | 5-1418363-1 | N/A |
|  | 2.8 | Tab housing, LEAVYSEAL, 39 way, group 5, E key, emerald green, $90^{\circ}$ molded pins, PCB mount | 5-1418363-3 | N/A |
|  | 2.8 | Tab housing, LEAVYSEAL, 39 way, group 5, F key, fawn brown | 6-1718323-1 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 39 way, group 5, E key, emerald green | 5-1718321-3 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 39 way, group 5, E key, emerald green, Vo | 5-2208684-3 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 39 way, group 5, F key, fawn brown | 6-1718321-3 | Included |
|  | 2.8 | Recept. housing, LEAVYSEAL, 39 way, group 5, F key, fawn brown, VO | 6-2208684-3 | Included |
| 40 CAVITY CONNECTORS |  |  |  |  |
| AEC Series |  |  |  |  |
| 22308 | 16 | Recept., AEC, 40 way, A key, black, in-line | AEC14-40PA | N/A |
|  | 16 | Recept., AEC, 40 way, A key, black, in-line, E seal, adapter | AEC14-40PAE-E019 | N/A |
|  | 16 | Recept., AEC, 40 way, A/B key, black, in-line | AEC14-40PAB | N/A |
|  | 16 | Recept., AEC, 40 way, B key, black, in-line | AEC14-40PB | N/A |
|  | 16 | Recept., AEC, 40 way, B key, black, in-line, E seal, adapter | AEC14-40PBE-E019 | N/A |
|  | 16 | Recept., AEC, 40 way, C key, black, in-line | AEC14-40PC | N/A |
|  | 16 | Recept., AEC, 40 way, D key, black, in-line | AEC14-40PD | N/A |
|  | 16 | Plug, AEC, 40 way, A key, black, in-line | AEC16-40SA | N/A |
|  | 16 | Plug, AEC, 40 way, A key, black, in-line, E seal, adapter | AEC16-40SAE-E019 | N/A |
|  | 16 | Plug, AEC, 40 way, A key, black, in-line, E seal, remove blue stripe/brown end cap | AEC16-40SAE-K001 | N/A |
|  | 16 | Plug, AEC, 40 way, B key, black, in-line | AEC16-40SB | N/A |
|  | 16 | Plug, AEC, 40 way, B key, black, in-line, E seal, adapter | AEC16-40SBE-E019 | N/A |
|  | 16 | Plug, AEC, 40 way, C key, black, in-line | AEC16-40SC | N/A |
|  | 16 | Plug, AEC, 40 way, D key, black, in-line | AEC16-40SD | N/A |
|  | 16 | Plug, AEC, 40 way, Univ. key, black, in-line | AEC16-40SU | N/A |
|  | 16 | Plug, AEC, 40 way, Univ. key, black, in-line, E seal, adapter | AEC16-4OSUE-E019 | N/A |
|  | DRC Series |  |  |  |
|  | 16 | Recept., DRC, 40 way, A key, black, flange | DRC12-40PA | N/A |
|  | 16 | Recept., DRC, 40 way, A key, black, flange, E seal | DRC12-40PAE | N/A |
|  | 16 | Recept., DRC, 40 way, B key, black, flange | DRC12-40PB | N/A |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & z \\ & \frac{Z}{8} \\ & \text { S } \\ & \text { O} \end{aligned}$ | 16 | Recept., DRC, 40 way, B key, black, flange, E seal | DRC12-40PBE | N/A |
|  | 16 | Recept., DRC, 40 way, C key, black, flange | DRC12-40PC | N/A |
|  | 16 | Recept., DRC, 40 way, C key, black, flange, E seal | DRC12-40PCE | N/A |
|  | 16 | Recept., DRC, 40 way, D key, black, flange | DRC12-40PD | N/A |
|  | 16 | Recept., DRC, 40 way, D key, black, flange, E seal | DRC12-4OPDE | N/A |
|  | 16 | Recept., DRC, 40 way, A key, black, in-line | DRC14-40PA | N/A |
|  | 16 | Recept., DRC, 40 way, A key, black, in-line, E seal | DRC14-40PAE | N/A |
|  | 16 | Recept., DRC, 40 way, B key, black, in-line, E seal | DRC14-40PBE | N/A |
|  | 16 | Recept., DRC, 40 way, C key, black, in-line, E seal | DRC14-40PCE | N/A |
|  | 16 | Plug, DRC, 40 way, black | DRC16-40S | N/A |
|  | 16 | Plug, DRC, 40 way, black, bonded front seal | DRC16-40S-P013 | N/A |
|  | 16 | Plug, DRC, 40 way, black, E seal | DRC16-40SE | N/A |
|  | 16 | Plug, DRC, 40 way, A key, black | DRC18-40SA | N/A |
|  | 16 | Plug, DRC, 40 way, A key, black, bonded front seal | DRC18-40SA-P013 | N/A |
|  | 16 | Plug, DRC, 40 way, A key, black, E seal | DRC18-40SAE | N/A |
|  | 16 | Plug, DRC, 40 way, A key, black, E seal, bonded front seal | DRC18-40SAE-P013 | N/A |
|  | 16 | Plug, DRC, 40 way, B key, black | DRC18-40SB | N/A |
|  | 16 | Plug, DRC, 40 way, B key, black, bonded front seal | DRC18-40SB-P013 | N/A |
|  | 16 | Plug, DRC, 40 way, B key, black, E seal | DRC18-40SBE | N/A |
|  | 16 | Plug, DRC, 40 way, B key, black, E seal, bonded front seal | DRC18-4OSBE-P013 | N/A |
|  | 16 | Plug, DRC, 40 way, C key, black | DRC18-40SC | N/A |
|  | 16 | Plug, DRC, 40 way, C key, black, bonded front seal | DRC18-40SC-P013 | N/A |
|  | 16 | Plug, DRC, 40 way, C key, black, E seal | DRC18-40SCE | N/A |
|  | 16 | Plug, DRC, 40 way, D key, black | DRC18-40SD | N/A |
|  | 16 | Plug, DRC, 40 way, D key, black, E seal | DRC18-40SDE | N/A |
|  | 20 | Recept., DRC, 40 way, A key, black, sealed flange | DRC22-40PA | N/A |
|  | 20 | Recept., DRC, 40 way, B key, black, sealed flange | DRC22-40PB | N/A |
|  | 20 | Plug, DRC, 40 way, A key, black | DRC26-40SA | N/A |
|  | 20 | Plug, DRC, 40 way, A key, black, wire router | DRC26-40SA-L011 | N/A |
|  | 20 | Plug, DRC, 40 way, B key, black | DRC26-40SB | N/A |
|  | 20 | Plug, DRC, 40 way, B key, black, wire router | DRC26-4OSB-L011 | N/A |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $z$ <br>  <br>  <br>  | 20 | Plug, DRC, 40 way, C key, black | DRC26-40SC | N/A |
|  | 20 | Plug, DRC, 40 way, D key, black | DRC26-40SD | N/A |
|  | DRC10/13/23 Series |  |  |  |
|  | 16 | Recept., DRC10, 40 way, black, flange, $180^{\circ}$ solder pot | DRC10-40P | N/A |
|  | 16 | Recept., DRC10, 40 way, black, flange, $180^{\circ}$ molded pins, PCB mount | DRC10-40P-A004 | N/A |
|  | 16 | Recept., DRC13, 40 way, A key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-40PA | N/A |
|  | 16 | Recept., DRC13, 40 way, A key, black, $90^{\circ}$ molded pins, PCB mount, outside row gold, inside rows tin | DRC13-4OPA-G002 | N/A |
|  | 16 | Recept., DRC13, 40 way, B key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-40PB | N/A |
|  | 16 | Recept., DRC13, 40 way, C key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-40PC | N/A |
|  | 16 | Recept., DRC13, 40 way, C key, black, $90^{\circ}$ molded pins, PCB mount, outside row gold, inside rows tin | DRC13-4OPC-G002 | N/A |
|  | 16 | Recept., DRC13, 40 way, D key, black, $90^{\circ}$ molded pins, PCB mount | DRC13-40PD | N/A |
|  | 20 | Recept., DRC23, 40 way, A key, black, $90^{\circ}$ molded pins, PCB mount, one piece design | DRC23-40PA-N012 | N/A |
|  | 20 | Recept., DRC23, 40 way, B key, black, $90^{\circ}$ molded pins, PCB mount, one piece design | DRC23-40PB-N012 | N/A |
|  | 20 | Recept., DRC23, 40 way, C key, black, $90^{\circ}$ molded pins, PCB mount, one piece design | DRC23-40PC-NO12 | N/A |
| 46 CAVITY CONNECTORS |  |  |  |  |
| $\stackrel{0}{8}$ | LEAVYSEAL |  |  |  |
|  | 1.5K | Recept. housing, LEAVYSEAL, 46 way, group 4, A key, black | 1-2112231-1 | Included |
| 47 CAVITY CONNECTORS |  |  |  |  |
| $\frac{z}{i}$ | HD30 Series |  |  |  |
|  | 42 sz. 20, 5 sz. 16 | Recept., HD30, 24 shell, 47 way, E seal | HD34-24-47PE | N/A |
|  | $42 \mathrm{sz} .20,5 \mathrm{sz} .16$ | Recept., HD30, 24 shell, 47 way, E seal, cable clamp | HD34-24-47PE-059 | N/A |
|  | $42 \mathrm{sz} .20,5 \mathrm{sz} .16$ | Recept., HD30, 24 shell, 47 way, E seal, adapter | HD34-24-47PE-072 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HD30, 24 shell, 47 way, E seal, reverse | HD34-24-47SE | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HD30, 24 shell, 47 way, E seal, reverse, cable clamp | HD34-24-47SE-059 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HD30, 24 shell, 47 way, E seal, reverse, adapter | HD34-24-47SE-072 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HD30, 24 shell, 47 way, E seal, reverse | HD36-24-47PE | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HD30, 24 shell, 47 way, E seal, reverse, cable clamp | HD36-24-47PE-059 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HD30, 24 shell, 47 way, E seal, reverse, adapter | HD36-24-47PE-072 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HD30, 24 shell, 47 way, E seal | HD36-24-47SE | N/A |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & i \\ & \frac{2}{i} \\ & i \\ & i \end{aligned}$ | 42 sz. 20, 5 sz. 16 | Plug, HD30, 24 shell, 47 way, E seal, cable clamp | HD36-24-47SE-059 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HD30, 24 shell, 47 way, E seal, adapter | HD36-24-47SE-072 | N/A |
|  | HDP20 Series |  |  |  |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal | HDP24-24-47PE | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal, threaded adapter | HDP24-24-47PE-L015 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal, ring adapter | HDP24-24-47PE-L017 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal, wide threaded adapter | HDP24-24-47PE-L024 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal, reverse | HDP24-24-47SE | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal, reverse, threaded adapter | HDP24-24-47SE-LO15 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Recept., HDP20, 24 shell, 47 way, black, E seal, reverse, ring adapter | HDP24-24-47SE-LO17 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal, reverse | HDP26-24-47PE | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal, reverse, threaded adapter | HDP26-24-47PE-LO15 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal, reverse, ring adapter | HDP26-24-47PE-LO17 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal | HDP26-24-47SE | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal, threaded adapter | HDP26-24-47SE-L015 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal, ring adapter | HDP26-24-47SE-LO17 | N/A |
|  | 42 sz. 20, 5 sz. 16 | Plug, HDP20, 24 shell, 47 way, black, E seal, wide threaded adapter | HDP26-24-47SE-LO24 | N/A |

## 48 CAVITY CONNECTORS

|  | DRB Series |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 24 \mathrm{sz} .20, \\ 12 \mathrm{sz} .16, \\ 12 \mathrm{sz} .12 \end{gathered}$ | Recept., DRB, 48 way, A key, black, E seal, bulkhead, wire router | DRB12-48PAE-LO18 | WB-48PA |
|  | $\begin{gathered} 24 \mathrm{sz} .20, \\ 12 \mathrm{sz.} 16, \\ 12 \mathrm{sz} .12 \end{gathered}$ | Recept., DRB, 48 way, B key, black, E seal, bulkhead, wire router | DRB12-48PBE-LO18 | WB-48PB |
|  | $\begin{gathered} 24 \mathrm{sz} .20, \\ 12 \mathrm{sz} .16, \\ 12 \mathrm{sz} .12 \end{gathered}$ | Plug, DRB, 48 way, A key, black, E seal, bulkhead, wire router | DRB16-48SAE-L018 | WB-48SA |
|  | $\begin{gathered} 24 \mathrm{sz} .20, \\ 12 \mathrm{sz} .16, \\ 12 \mathrm{sz} .12 \end{gathered}$ | Plug, DRB, 48 way, B key, black, E seal, bulkhead, wire router | DRB16-48SBE-L018 | WB-48SB |
|  | DT Series |  |  |  |
|  | 16 | Recept., DT, 48 way, enhanced A, B, C, \& D key, gray, flange | DT04-48P-B016 | (4) W12P |
|  | DT13 EEC Headers |  |  |  |


|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
| $\stackrel{\infty}{+}$ | 16 | Recept., DT13, 48 way, enhanced A, B, C, \& D key, black, $90^{\circ}$ molded pins, DT EEC PCB header | DT13-48PABCD-R015 | N/A |
|  | DTMF Series |  |  |  |
|  | 20 | Recept., DTMF, 48 way, A, B, C, \& D key, black, $180^{\circ}$ molded pins, flangeless PCB mount | DTMF15-48P | N/A |
| 50 CAVITY CONNECTORS |  |  |  |  |
| DRC Series |  |  |  |  |
|  | 20 | Recept., DRC, 50 way, 01 key, black, PCB mount, sealed outside flange | DRC20-50P01 | N/A |
|  | 20 | Recept., DRC, 50 way, 02 key, black, PCB mount, sealed outside flange | DRC20-50P02 | N/A |
|  | 20 | Recept., DRC, 50 way, 03 key, black, PCB mount, sealed outside flange | DRC20-50P03 | N/A |
|  | 20 | Recept., DRC, 50 way, 04 key, black, PCB mount, sealed outside flange | DRC20-50P04 | N/A |
|  | 20 | Recept., DRC, 50 way, 05 key, black, PCB mount, sealed outside flange | DRC20-50P05 | N/A |
|  | 20 | Recept., DRC, 50 way, 07 key, black, PCB mount, sealed outside flange | DRC20-50P07 | N/A |
|  | 20 | Recept., DRC, 50 way, 08 key, black, PCB mount, sealed outside flange | DRC20-50P08 | N/A |
|  | 20 | Recept., DRC, 50 way, 09 key, black, PCB mount, sealed outside flange | DRC20-50P09 | N/A |
|  | 20 | Recept., DRC, 50 way, 01 key, black, PCB mount, sealed inside flange | DRC22-50P01 | N/A |
|  | 20 | Recept., DRC, 50 way, 02 key, black, PCB mount, sealed inside flange | DRC22-50PO2 | N/A |
|  | 20 | Recept., DRC, 50 way, 03 key, black, PCB mount, sealed inside flange | DRC22-50PO3 | N/A |
|  | 20 | Recept., DRC, 50 way, 04 key, black, PCB mount, sealed inside flange | DRC22-50P04 | N/A |
|  | 20 | Recept., DRC, 50 way, 05 key, black, PCB mount, sealed inside flange | DRC22-50P05 | N/A |
|  | 20 | Recept., DRC, 50 way, 07 key, black, PCB mount, sealed inside flange | DRC22-50P07 | N/A |
|  | 20 | Plug, DRC, 50 way, 01 key, black | DRC26-50S01 | N/A |
|  | 20 | Plug, DRC, 50 way, 02 key, black | DRC26-50S02 | N/A |
|  | 20 | Plug, DRC, 50 way, 03 key, black | DRC26-50SO3 | N/A |
|  | 20 | Plug, DRC, 50 way, 04 key, black | DRC26-50S04 | N/A |
|  | 20 | Plug, DRC, 50 way, 05 key, black | DRC26-50S05 | N/A |
|  | 20 | Plug, DRC, 50 way, 06 key, black | DRC26-50S06 | N/A |
|  | 20 | Plug, DRC, 50 way, 07 key, black | DRC26-50S07 | N/A |
|  | 20 | Plug, DRC, 50 way, 08 key, black | DRC26-50S08 | N/A |
|  | 20 | Plug, DRC, 50 way, 09 key, black | DRC26-50S09 | N/A |
|  | 20 | Plug, DRC, 50 way, 10 key, black | DRC26-50S10 | N/A |

60 CAVITY CONNECTORS

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | WEDGE/ TPA |
| :---: | :---: | :---: | :---: | :---: |
|  | DRB Series |  |  |  |
|  | 48 sz. 20, 12 sz. 16 | Recept., DRB, 60 way, A key, black, E seal, bulkhead, wire router | DRB12-60PAE-L018 | WB-60PA |
|  | 48 sz. 20, 12 sz. 16 | Recept., DRB, 60 way, B key, black, E seal, bulkhead, wire router | DRB12-60PBE-L018 | WB-60PB |
|  | 48 sz. 20, 12 sz. 16 | Recept., DRB, 60 way, C key, black, E seal, bulkhead, wire router | DRB12-60PCE-L018 | WB-60PC |
|  | 48 sz. 20, 12 sz. 16 | Plug, DRB, 60 way, A key, black, E seal, bulkhead, wire router | DRB16-60SAE-L018 | WB-60SA |
|  | 48 sz. 20, 12 sz. 16 | Plug, DRB, 60 way, B key, black, E seal, bulkhead, wire router | DRB16-60SBE-L018 | WB-60SB |
|  | 48 sz. 20, 12 sz. 16 | Plug, DRB, 60 way, C key, black, E seal, bulkhead, wire router | DRB16-60SCE-L018 | WB-60SC |
| $60 \text { CAVITY }$ | DRC Series |  |  |  |
|  | 20 | Recept., DRC, 60 way, 05 key, black, PCB mount, sealed outside flange | DRC20-60PO5 | N/A |
|  | 20 | Recept., DRC, 60 way, 06 key, black, PCB mount, sealed outside flange | DRC2O-60P06 | N/A |
|  | 20 | Recept., DRC, 60 way, 07 key, black, PCB mount, sealed outside flange | DRC20-60P07 | N/A |
|  | 20 | Plug, DRC, 60 way, 01 key, black | DRC26-60SO1 | N/A |
|  | 20 | Plug, DRC, 60 way, 04 key, black | DRC26-60S04 | N/A |
|  | 20 | Plug, DRC, 60 way, 05 key, black | DRC26-60SO5 | N/A |
|  | 20 | Plug, DRC, 60 way, 06 key, black | DRC26-60SO6 | N/A |
|  | 20 | Plug, DRC, 60 way, 07 key, black | DRC26-60SO7 | N/A |
|  | Superseal 1.0 |  |  |  |
|  | 1.0 mm | Header, Superseal 1.0, 60 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6437288-3 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 60 way, 2 \& 3 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, upper locking | 6473427-1 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 60 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, lower locking | 6437288-5 | N/A |
|  | 1.0 mm | Header, Superseal 1.0, 60 way, 1 key ( 4 row), black, $90^{\circ}$ molded gold pins, PCB mount, double locking | 3-6437285-2 | N/A |

## 62 CAVITY CONNECTORS

## LEAVYSEAL

| 2 | LEAVYSEAL |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, A key, black | 1-1718324-1 | Included |
| $\geqslant$ | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, A key, black, $180^{\circ}$ molded pins, PCB mount | 1-1418362-1 | N/A |
| $\bigcirc$ | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, A key, black, $90^{\circ}$ molded pins, PCB mount | 1-1418362-3 | N/A |
| $\bigcirc$ | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, B key, gray | 2-1718324-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, B key, gray, $180^{\circ}$ molded pins, PCB mount | 2-1418362-1 | N/A |

ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, B key, gray, $90^{\circ}$ molded pins, PCB mount | 2-1418362-3 | N/A |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Tab housing, LEAVYSEAL, 62 way, group 5, C key, blue | 3-1718324-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, A key, black | 1-1418883-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, A key, black, Vo | 1-1823498-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, B key, gray | 2-1418883-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, B key, gray, Vo | 2-1823498-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, C key, blue | 3-1418883-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, C key, blue, VO | 3-1823498-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, D key, green | 4-1418883-1 | Included |
|  | 56 sz. 1.5K, 6 sz. 2.8 | Recept. housing, LEAVYSEAL, 62 way, group 5, D key, green, Vo | 4-1823498-1 | Included |

64 CAVITY CONNECTORS

| $\begin{aligned} & z \\ & \frac{z}{E} \\ & \text { S } \\ & \text { U } \end{aligned}$ | DRC Series |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 20 | Recept., DRC, 64 way, A key 24 way and A key 40 way, black, $90^{\circ}$ molded pins, PCB mount | DRC23-64PAA | N/A |
|  | STRIKE Series |  |  |  |
|  | $8 \mathrm{sz} .16,56$ sz. 20 | Recept., STRIKE, FL shell, 64 way, A key, black, sealed flange | SRK02-FLA-64A-001 | Included |
|  | $8 \mathrm{sz} .16,56$ sz. 20 | Recept., STRIKE, FL shell, 64 way, B key, black, sealed flange | SRK02-FLB-64A-001 | Included |
|  | $8 \mathrm{sz} .16,56 \mathrm{sz} .20$ | Recept., STRIKE, FL shell, 64 way, C key, black, sealed flange | SRK02-FLC-64A-001 | Included |
|  | $8 \mathrm{sz} .16,56 \mathrm{sz} .20$ | Recept., STRIKE, FL shell, 64 way, D key, black, sealed flange | SRK02-FLD-64A-001 | Included |
|  | $8 \mathrm{sz} .16,56$ sz. 20 | Plug, STRIKE, FL shell, 64 way, A key, black | SRK06-FLA-64A-001 | Included |
|  | 8 sz. 16, 56 sz. 20 | Plug, STRIKE, FL shell, 64 way, B key, black | SRK06-FLB-64A-001 | Included |
|  | 8 sz. 16, 56 sz. 20 | Plug, STRIKE, FL shell, 64 way, C key, black | SRK06-FLC-64A-001 | Included |
|  | $8 \mathrm{sz} .16,56$ sz. 20 | Plug, STRIKE, FL shell, 64 way, D key, black | SRK06-FLD-64A-001 | Included |

70 CAVITY CONNECTORS

| $$ | DRC Series |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 16 | Recept., DRC, 70 way, A key, black, flange | DRC12-70PA | N/A |
|  | 16 | Recept., DRC, 70 way, A key, black, flange, E seal | DRC12-7OPAE | N/A |
|  | 16 | Recept., DRC, 70 way, B key, black, flange | DRC12-70PB | N/A |
|  | 16 | Recept., DRC, 70 way, B key, black, flange, E seal | DRC12-70PBE | N/A |
|  | 16 | Recept., DRC, 70 way, C key, black, flange | DRC12-70PC | N/A |
|  | 16 | Recept., DRC, 70 way, C key, black, flange, E seal | DRC12-70PCE | N/A |
|  | 16 | Recept., DRC, 70 way, D key, black, flange | DRC12-70PD | N/A |

## ELECTRICAL CONNECTORS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $70 \text { CAVITY }$ | 16 | Recept., DRC, 70 way, D key, black, flange, E seal | DRC12-70PDE | N/A |
|  | 16 | Recept., DRC, 70 way, A key, black, in-line | DRC14-70PA | N/A |
|  | 16 | Recept., DRC, 70 way, A key, black, in-line, E seal | DRC14-70PAE | N/A |
|  | 16 | Plug, DRC, 70 way, A key, black | DRC16-70SA | N/A |
|  | 16 | Plug, DRC, 70 way, A key, black, bonded front seal | DRC16-70SA-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, A key, black, E seal | DRC16-70SAE | N/A |
|  | 16 | Plug, DRC, 70 way, A key, black, E seal, bonded front seal | DRC16-70SAE-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, B key, black | DRC16-70SB | N/A |
|  | 16 | Plug, DRC, 70 way, B key, black, bonded front seal | DRC16-70SB-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, B key, black, E seal, bonded front seal | DRC16-70SBE-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, C key, black | DRC16-70SC | N/A |
|  | 16 | Plug, DRC, 70 way, C key, black, bonded front seal | DRC16-70SC-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, C key, black, E seal, bonded front seal | DRC16-7OSCE-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, D key, black | DRC16-70SD | N/A |
|  | 16 | Plug, DRC, 70 way, D key, black, bonded front seal | DRC16-7OSD-P013 | N/A |
|  | 16 | Plug, DRC, 70 way, D key, black, E seal, bonded front seal | DRC16-70SDE-P013 | N/A |
|  | DRC13 Series |  |  |  |
|  | 16 | Recept., DRC13, 70 way, A key, black, $90^{\circ}$ molded pins, PCB mount, one piece design | DRC13-70PA-N012 | N/A |
|  | 16 | Recept., DRC13, 70 way, B key, black, $90^{\circ}$ molded pins, PCB mount, one piece design | DRC13-70PB-N012 | N/A |
| 92 CAVITY CONNECTORS |  |  |  |  |
| $\begin{aligned} & \grave{2} \\ & \stackrel{y}{\prime} \\ & \text { N } \\ & \text { N } \end{aligned}$ | LEAVYSEAL |  |  |  |
|  | 1.5K | Tab housing, LEAVYSEAL, 92 way, group 6, A key, black, $180^{\circ}$ molded pins, PCB mount | 1-1452228-9 | N/A |
|  | 1.5K | Recept. housing, LEAVYSEAL, 92 way, group 6, A key, black, NW 26 tubing | 1-703998-1 | Included |
|  | 1.5K | Recept. housing, LEAVYSEAL, 92 way, group 6, A key, black, NW 29 tubing | 3-1703998-1 | Included |
|  | 1.5K | Recept. housing, LEAVYSEAL, 92 way, group 6, B key, black, NW 29 tubing | 4-1703998-1 | Included |
|  | 1.5K | Recept. housing, LEAVYSEAL, 92 way, group 6, C key, black, NW 29 tubing | 5-1703998-1 | Included |
| 102 CAVITY CONNECTORS |  |  |  |  |
| DRB Series |  |  |  |  |
| $\mathbf{~}$ | $\begin{gathered} 80 \mathrm{sz} .16 \\ 16 \mathrm{sz.} 12 \\ 4 \mathrm{sz} .8,2 \mathrm{sz} .4 \end{gathered}$ | Recept., DRB, 102 way, A key, black, E seal, bulkhead, wire router | DRB12-102PAE-LO18 | WB-51PAL WB-51PAR |


|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER | $\begin{gathered} \text { WEDGE/ } \\ \text { TPA } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $$ | $\begin{gathered} 80 \mathrm{sz} .16, \\ 16 \mathrm{sz} .12, \\ 4 \mathrm{sz} .8,2 \mathrm{sz.} 4 \end{gathered}$ | Recept., DRB, 102 way, A key, black, non-environmentally sealed, bulkhead | DRB12-102PANE | WB-51PAL WB-51PAR |
|  | $\begin{gathered} 80 \mathrm{sz} .16, \\ 16 \mathrm{sz.} 12, \\ 4 \mathrm{sz} .8,2 \mathrm{sz.} 4 \end{gathered}$ | Recept., DRB, 102 way, B key, black, E seal, bulkhead, wire router | DRB12-102PBE-L018 | WB-51PBL WB-51PBR |
|  | $\begin{gathered} 80 \mathrm{sz} .16, \\ 16 \mathrm{sz.} 12, \\ 4 \mathrm{sz} .8,2 \mathrm{sz} .4 \end{gathered}$ | Plug, DRB, 102 way, A key, black, E seal, bulkhead, wire router | DRB16-102SAE-L018 | WB-51SAL WB-51SAR |
|  | $\begin{gathered} 80 \mathrm{sz} .16, \\ 16 \mathrm{sz} .12, \\ 4 \mathrm{sz.} 8,2 \mathrm{sz.} 4 \end{gathered}$ | Plug, DRB, 102 way, B key, black, E seal, bulkhead, wire router | DRB16-102SBE-L018 | WB-51SBL WB-51SBR |

## 128 CAVITY CONNECTORS

|  | DRB Series |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 112 sz. 16, 16 sz. 12 | Recept., DRB, 128 way, A key, black, E seal, bulkhead, wire router | DRB12-128PAE-LO18 | $\begin{aligned} & \text { (2) WB- } \\ & 64 \mathrm{PA} \end{aligned}$ |
|  | 112 sz. 16, 16 sz. 12 | Recept., DRB, 128 way, A key, black, non-environmentally sealed, bulkhead, wire router | DRB12-128PANE-L018 | $\begin{aligned} & \text { (2) WB- } \\ & 64 \mathrm{PA} \end{aligned}$ |
|  | 112 sz. 16, 16 sz. 12 | Recept., DRB, 128 way, B key, black, E seal, bulkhead, wire router | DRB12-128PBE-LO18 | $\begin{aligned} & \text { (2) WB- } \\ & 64 \mathrm{~PB} \end{aligned}$ |
|  | 112 sz. 16, 16 sz. 12 | Recept., DRB, 128 way, B key, black, non-environmentally sealed, bulkhead, wire router | DRB12-128PBNE-LO18 | $\begin{aligned} & \text { (2) WB- } \\ & 64 \mathrm{~PB} \end{aligned}$ |
|  | 112 sz. 16, 16 sz. 12 | Plug, DRB, 128 Way, A key, black, E seal, bulkhead, wire router | DRB16-128SAE-LO18 | $\begin{aligned} & \text { (2) WB- } \\ & 64 \mathrm{SA} \end{aligned}$ |
|  | 112 sz. 16, 16 sz. 12 | Plug, DRB, 128 Way, B key, black, E seal, bulkhead, wire router | DRB16-128SBE-L018 | $\begin{aligned} & \text { (2) WB- } \\ & 64 \mathrm{SB} \end{aligned}$ |

## SECONDARY WEDGELOCKS

|  | CAVITY | PART DESCRIPTION | PART NUMBER | COLOR |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | 2 | Lock, DT, 2 way recept. | W2P | Green |
|  | 2 | Lock, DT, 2 way recept., A key | W2PA | Gray |
|  | 2 | Lock, DT, 2 way recept., B key | W2PB | Black |
|  | 2 | Lock, DT, 2 way recept., C key | W2PC | Green |
|  | 2 | Lock, DT, 2 way recept., D key | W2PD | Brown |
|  | 2 | Lock, DT, 2 way plug | W2S | Orange |
|  | 2 | Lock, DT, 2 way plug, enhanced seal | W2S-P012 | Green |
|  | 2 | Lock, DT, 2 way plug, LED, 12 V | W2S-SDT-12V | Yellow |
|  | 2 | Lock, DT, 2 way plug, LED, 24V | W2S-SDT-24V | Red |
|  | 2 | Lock, DT, 2 way plug, A key | W2SA | Gray |
|  | 2 | Lock, DT, 2 way plug, A key, enhanced seal | W2SA-P012 | Gray |
|  | 2 | Lock, DT, 2 way plug, B key | W2SB | Black |
|  | 2 | Lock, DT, 2 way plug, B key, enhanced seal | W2SB-P012 | Black |
|  | 2 | Lock, DT, 2 way plug, C key | W2SC | Green |
|  | 2 | Lock, DT, 2 way plug, C key, enhanced seal | W2SC-P012 | Green |
|  | 2 | Lock, DT, 2 way plug, D key | W2SD | Brown |
|  | 2 | Lock, DT, 2 way plug, D key, enhanced seal | W2SD-P012 | Brown |
|  | 3 | Lock, DT, 3 way recept. | W3P | Green |
|  | 3 | Lock, DT, 3 way recept., J1939 | W3P-1939 | Blue |
|  | 3 | Lock, DT, 3 way plug | W3S | Orange |
|  | 3 | Lock, DT, 3 way plug, J1939 | W3S-1939 | Blue |
|  | 3 | Lock, DT, 3 way plug, J1939, enhanced seal | W3S-1939-P012 | Blue |
|  | 3 | Lock, DT, 3 way plug, enhanced seal | W3S-P012 | Green |
|  | 4 | Lock, DT, 4 way recept. | W4P | Green |
|  | 4 | Lock, DT, 4 way recept., A key | W4PA | Gray |
|  | 4 | Lock, DT, 4 way recept., B key | W4PB | Black |
|  | 4 | Lock, DT, 4 way recept., C key | W4PC | Green |
|  | 4 | Lock, DT, 4 way recept., D key | W4PD | Brown |
|  | 4 | Lock, DT, 4 way plug | W4S | Orange |
|  | 4 | Lock, DT, 4 way plug, enhanced seal | W4S-P012 | Green |

## SECONDARY WEDGELOCKS



## SECONDARY WEDGELOCKS



|  | CAVITY | PART DESCRIPTION | PART NUMBER | COLOR |
| :---: | :---: | :---: | :---: | :---: |
|  | 51 | Lock, DRB, 102 way recept., A key, left | WB-51PAL | Gray |
|  | 51 | Lock, DRB, 102 way recept., A key, right | WB-51PAR | Gray |
|  | 51 | Lock, DRB, 102 way plug, A key, left | WB-51SAL | Gray |
|  | 51 | Lock, DRB, 102 way plug, A key, right | WB-51SAR | Gray |
|  | 51 | Lock, DRB, 102 way plug, B key, left | WB-51SBL | Black |
|  | 51 | Lock, DRB, 102 way plug, B key, right | WB-51SBR | Black |
|  | 64 | Lock, DRB, 128 way recept., A key | WB-64PA | Gray |
|  | 64 | Lock, DRB, 128 way recept., B key | WB-64PB | Black |
|  | 64 | Lock, DRB, 128 way plug, A key | WB-64SA | Gray |
|  | 64 | Lock, DRB, 128 way plug, B key | WB-64SB | Black |

## CONNECTOR ACCESSORIES

BACKSHELLS


|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { o } \\ & \frac{1}{m} \\ & \frac{1}{5} \\ & \frac{9}{0} \\ & \mathbf{~} \end{aligned}$ |  |  |
|  | Backshell, AMPSEAL 16, 2 way, plug, $180^{\circ}$, smooth | 2292797-1 |
|  | Backshell, AMPSEAL 16, 2 way, plug, 180 ${ }^{\circ}$, NC12/NW10 | 2292797-2 |
|  | Backshell, AMPSEAL 16, 2 way, plug, $180^{\circ}$, NC08/NW7.5 | 2292797-3 |
|  | Backshell, AMPSEAL 16, 3 way, plug, $180^{\circ}$, smooth | 2292798-1 |
|  | Backshell, AMPSEAL 16, 3 way, plug, 180 ${ }^{\circ}$, NC12/NW10 | 2292798-2 |
|  | Backshell, AMPSEAL 16, 3 way, plug, $180^{\circ}$, NC08/NW7.5 | 2292798-3 |
|  | Backshell, AMPSEAL 16, 4 way, plug, $180^{\circ}$, smooth | 2292799-1 |
|  | Backshell, AMPSEAL 16, 4 way, plug, 180 ${ }^{\circ}$, NC16/NW13 | 2292799-2 |
|  | Backshell, AMPSEAL 16, 4 way, plug, 180 ${ }^{\circ}$, NC12/NW10 | 2292799-3 |
|  | Backshell, AMPSEAL 16, 6 way, plug, $180^{\circ}$, smooth | 2292800-1 |
|  | Backshell, AMPSEAL 16, 6 way, plug, 180 ${ }^{\circ}$, NC16/NW13 | 2292800-2 |
|  | Backshell, AMPSEAL 16, 6 way, plug, $180^{\circ}$, NC12/NW10 | 2292800-3 |
|  | Backshell, AMPSEAL 16, 8 way, plug, $180^{\circ}$, smooth | 2292801-1 |
|  | Backshell, AMPSEAL 16, 8 way, plug, $180^{\circ}$, NC20/NW17 | 2292801-2 |
|  | Backshell, AMPSEAL 16, 8 way, plug, $180^{\circ}$, NC16/NW13 | 2292801-3 |
|  | Backshell, AMPSEAL 16, 12 way, plug, $180^{\circ}$, smooth | 2292802-1 |
|  | Backshell, AMPSEAL 16, 12 way, plug, 180 ${ }^{\circ}$, NC20/NW17 | 2292802-2 |
|  | Backshell, AMPSEAL 16, 12 way, plug, $180^{\circ}$, NC16/NW13 | 2292802-3 |
|  | Backshell, AMPSEAL 16, 2 way, cap, $180^{\circ}$, smooth | 2292860-1 |
|  | Backshell, AMPSEAL 16, 2 way, cap, $180^{\circ}$, NC12/NW10 | 2292860-2 |
|  | Backshell, AMPSEAL 16, 2 way, cap, $180^{\circ}$, NC08/NW7.5 | 2292860-3 |
|  | Backshell, AMPSEAL 16, 3 way, cap, $180^{\circ}$, smooth | 2292861-1 |
|  | Backshell, AMPSEAL 16, 3 way, cap, 180 ${ }^{\circ}$, NC12/NW10 | 2292861-2 |
|  | Backshell, AMPSEAL 16, 3 way, cap, $180^{\circ}$, NC08/NW7.5 | 2292861-3 |
|  | Backshell, AMPSEAL 16, 4 way, cap, $180^{\circ}$, smooth | 2292862-1 |
|  | Backshell, AMPSEAL 16, 4 way, cap, $180^{\circ}$, NC16/NW13 | 2292862-2 |
|  | Backshell, AMPSEAL 16, 4 way, cap, $180^{\circ}$, NC12/NW10 | 2292862-3 |
|  | Backshell, AMPSEAL 16, 6 way, cap, $180^{\circ}$, smooth | 2292863-1 |
|  | Backshell, AMPSEAL 16, 6 way, cap, $180^{\circ}$, NC16/NW13 | 2292863-2 |
|  | Backshell, AMPSEAL 16, 6 way, cap, $180^{\circ}$, NC12/NW10 | 2292863-3 |

## CONNECTOR ACCESSORIES



## CONNECTOR ACCESSORIES



## CONNECTOR ACCESSORIES




## CONNECTOR ACCESSORIES




## CONNECTOR ACCESSORIES

|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
|  | Backshell, DTM, 12 way, plug, 180 ${ }^{\circ}$ | 1028-015-1205 |
|  | Adapter, backshell, 2, 3, 4 way, $90^{\circ}$ | 1028-016-0005 |
|  | HD10 Ser |  |
|  | Backshell assembly, compression nut, cable diameter .187-.300 [4.75-7.62] | M902-2041 |
|  | Backshell assembly, compression nut, cable diameter .300-.430 [7.62-10.92] | M902-2042 |
|  | Backshell assembly, compression nut, cable diameter .430-.570 [10.92-14.48] | M902-2053 |
|  | Backshell assembly, compression nut, cable diameter .570-.710 [14.48-18.03] | M902-2054 |
|  | Backshell, HD10, 3 way, cable diameter .187-. 300 [4.75-7.62] | M902-2131 |
|  | Backshell, HD10, 3 way, cable diameter .300-.430 [7.62-10.92] | M902-2132 |
|  | Backshell, HD10, 6 way, cable diameter .187-. 300 [4.75-7.62] | M902-2161 |
|  | Backshell, HD10, 6 way, cable diameter .300-.430 [7.62-10.92] | M902-2162 |
|  | Backshell, HD10, 6 way, cable diameter .430-.570 [10.92-14.48] | M902-2163 |
|  | Backshell, HD10, 6 way, cable diameter .570-.710 [14.48-18.03] | M902-2164 |
|  | Backshell, HD10, 9 way, cable diameter .187-. 300 [4.75-7.62] | M902-2191 |
|  | Backshell, HD10, 9 way, cable diameter .300-.430 [7.62-10.92] | M902-2192 |
|  | Backshell, HD10, 9 way, cable diameter .430-.570 [10.92-14.48] | M902-2193 |
|  | Backshell, HD10, 9 way, cable diameter .570-.710 [14.48-18.03] | M902-2194 |
|  | HD30/HDP2O |  |
|  | Backshell assembly, compression nut, cable diameter .430-.570 | M902-2053 |
|  | Backshell assembly, compression nut, cable diameter .570-.710 | M902-2054 |
|  | Backshell, HDP20, used with L015, 24 shell, cable diameter .430-. 570 | M902-2243 |
|  | Backshell, HDP20, used with L015, 24 shell, cable diameter .570-. 710 | M902-2244 |
|  | Backshell, HD30, used with -072, 24 shell, cable diameter .430-.570 | M902-2343 |
|  | Backshell, HD30, used with -072, 24 shell, cable diameter .570-.710 | M902-2344 |
|  | Backshell assembly, cap nut, HDP20, used with LO15, 24 shell, NW 22 mm tubing | CN21 |
|  | Backshell assembly, seal ring, HDP20, used with LO15, 24 shell, NW 22 mm tubing | SRN21 |
|  | Backshell, HDP20, used with L017, 24 shell, $90^{\circ}, 1$ " tubing | 2428-004-2405 |
|  | Backshell, HDP20, used with L017, 24 shell, $90^{\circ}$, NW 17, 19, 23, \& 26 mm tubing | 2428-011-2405 |
|  | Backshell, HDP20, used with L017, 24 shell, $180^{\circ}$, 1" tubing | 2428-008-2405 |
|  | Backshell, HDP20, used with L017, 24 shell, $180^{\circ}$, NW 17, 19, 23, \& 26 mm tubing | 2428-010-2405 |
|  | Backshell, HDP20, used with L017, 18 shell, $90^{\circ}$, NW 13, 17, \& 19 mm tubing | 2428-015-1805 |


|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
|  | Backshell, HDP2O, used with LO17, 18 shell, $180^{\circ}$, NW 13, 17, \& 19 mm tubing | 2428-016-1805 |
|  | Backshell, HDP20, used with LO24, 24 shell, $180^{\circ}$, tie wrap end bell | 2428-024-2405 |
|  | Backshell, HDP20, used with LO24, 18 shell, $180^{\circ}$, tie wrap end bell | 2428-025-1805 |
|  | STRIKE Se |  |
|  | Backshell, STRIKE, FL size arrangements, $90^{\circ}$, NW 22 \& 26 mm tubing | SRK-BS-FL-90-001 |
|  | Backshell, STRIKE, FL size arrangements, $90^{\circ}$, NW 26 mm tubing | SRK-BS-FL-90-002 |
|  | Backshell, STRIKE, FL size arrangements, $180^{\circ}$, NW 22 mm tubing | SRK-BS-FL-ST-001 |
|  | Backshell, STRIKE, FL size arrangements, $180^{\circ} \mathrm{NW} 26 \mathrm{~mm}$ tubing | SRK-BS-FL-ST-002 |
|  | Backshell, STRIKE, MD size arrangements, $90^{\circ}$, NW 17 \& 22 mm tubing | SRK-BS-MD-90-001 |
|  | Backshell, STRIKE, MD size arrangements, $90^{\circ}$, NW 22 mm tubing | SRK-BS-MD-90-002 |
|  | Backshell, STRIKE, MD size arrangements, $180^{\circ}$, NW 17 mm tubing | SRK-BS-MD-ST-001 |
|  | Backshell, STRIKE, MD size arrangements, $180^{\circ}$, NW 22 mm tubing | SRK-BS-MD-ST-002 |
| BOOTS |  |  |
| $\begin{aligned} & \text { © } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | Attachment for the rear of the connector to provide strain relief, environmental |  |
|  | AEC Seri |  |
|  | Boot, AEC, 40 way, for plug or recept., step down design, black | AEC40-BT-STPDWN |
|  | DRB Series |  |
|  | Boot, DRB, 48 and 60 way, plug or recept., black | DRB48-60-BT |
|  | Boot, DRB, 102 and 128 way, plug or recept. with wire router, black | DRB102-BT |
|  | Boot, DRB, 102 and 128 way, plug or recept. with wire router, $90^{\circ}$, black | DRB102-BT-90DEG |
|  | DRC Series |  |
|  | Boot, DRC, 24 way, for plug or recept. w/ sz. 16 contacts, black | DRC24-BT |
|  | Boot, DRC, 24 way, for plug or recept. w/ sz. 16 contacts, yellow | DRC24-BT-YW |
|  | Boot, DRC, 24 way, for plug w/ sz. 20 contacts, black | DRC26-24BT |
|  | Boot, DRC, 40 way, for plug or recept. w/ sz. 16 contacts, black | DRC40-BT |
|  | Boot, DRC, 40 way, for plug or recept. w/ sz. 16 contacts, gray | DRC40-BT-GRAY |
|  | Boot, DRC, 40 way, for plug or recept. w/ sz. 16 contacts, yellow | DRC40-BT-YW |
|  | Boot, DRC, 40 way, for plug or recept. w/ sz. 16 contacts, $90^{\circ} \mathrm{w} /$ drain hole, black | DRC40-BT-90DEG |
|  | Boot, DRC, 40 way, for plug w/ sz. 20 contacts, black | DRC26-40BT |
|  | Boot, DRC, 50 way, for plug w/ sz. 20 contacts, black | DRC26-50BT |
|  | Boot, DRC, 70 way, for plug or recept. w/ sz. 16 contacts, black | DRC70-BT |

## CONNECTOR ACCESSORIES




## CONNECTOR ACCESSORIES



CONNECTOR COMPONENTS

|  | AEC Series |
| :--- | :--- | :--- |
| Bolt, retaining, AEC, 40 way | $0526-008-0090$ |



## CONNECTOR ACCESSORIES

|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
|  | Nut, cable clamp, HD30 | WHDS-NUT |
| CONTACT REMOVAL TOOLS |  |  |
|  | Device used to disengage contacts from the connector housing |  |
|  | AMPSEAL 16 |  |
|  | Tool, contact/PLR removal, AMPSEAL 16 | 776441-1 |
|  | Circular DIN |  |
|  | Tool, extraction, 2.5 mm | 1-1579007-8 |
|  | DEUTSCH |  |
|  | Tool, contact removal, sz. 4, C038 mod only | 0411-027-0405 |
|  | Tool, contact removal, sz. 4 | 114009 |
|  | Tool, contact removal, sz. 8 | 114008 |
|  | Tool, contact removal, sz. 8, HDBox | 0411-353-0805 |
|  | Tool, contact removal, sz. 12 | 114010 |
|  | Tool, contact removal, sz. 12, E seal | 0411-337-1205 |
|  | Tool, contact removal, sz. 14 | 0411-291-1405 |
|  | Tool, contact removal, sz. 16 | 0411-310-1605 |
|  | Tool, contact removal, sz. 16, E seal | 0411-336-1605 |
|  | Tool, contact removal, sz. 20 | 0411-240-2005 |
|  | Tool, contact/TPA/wedgelock removal | DT-RT1 |
|  | HDSCS/LEAVYSEAL |  |
|  | Tool, insertion, 1.5K | 1579008-9 |
|  | Tool, extraction, 1.5K | 539960-1 |
|  | Tool, extraction, 1.5K | 1-1579007-1 |
|  | Tool, insertion, 2.8 | 519609-1 |
|  | Tool, extraction, 2.8 and $6.3 / 4.8 \mathrm{~K}$ | 1-1579007-6 |
|  | Tool, extraction, 6.3/4.8K | 1-1579007-3 |

## D-HOLE PUNCHES

| $\begin{aligned} & \text { ㄹ } \\ & \frac{0}{1} \\ & \frac{1}{1} \end{aligned}$ | Hand tools used to cut D shaped holes to allow connectors to be mounted |  |
| :---: | :---: | :---: |
|  | Tool, D-hole punch, 18 shell | 18-D-PUNCH |
|  | Tool, D-hole punch, 24 shell | 24-D-PUNCH |
|  | Tool, D-hole punch, 18 or 24 shell, draw stud | PUNCH-DRAW-STUD |


|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
|  | Tool, D-hole punch, 18 or 24 shell, counter nut | PUNCH-NUT |
|  | Tool, D-hole punch, 18 or 24 shell, cutout removal rod | PUNCH-ROD |
|  | GASKETS |  |
| $\begin{aligned} & \text { 品 } \\ & \frac{9}{0} \\ & \mathbf{c} \end{aligned}$ | Seal used between the panel face and connector flange to help keep out destructive elements |  |
|  | DRC Series |  |
|  | Gasket, DRC, 24 way, recept., neoprene | DRC24-GKT |
|  | Gasket, DRC, 24 way, recept., neoprene, adhesive | DRC24-GKT-AD |
|  | Gasket, DRC, 40 way, recept., neoprene | DRC40-GKT |
|  | Gasket, DRC, 40 way, recept., neoprene, adhesive | DRC40-GKT-AD |
|  | Gasket, DRC, 70 way, recept., neoprene | DRC70-GKT |
|  | Gasket, DRC, 70 way, recept., neoprene, adhesive | DRC70-GKT-AD |
|  | DT/DTM/DTP Series |  |
|  | Gasket, DT, 3 way, flanged recept., neoprene | DT3P-L012-GKT |
|  | Gasket, DT, 4 way, flanged recept., neoprene | DT4P-L012-GKT |
|  | Gasket, DT, 8 way, flanged recept., neoprene | DT8P-L012-GKT |
|  | Gasket, DT or DTM, 12 way, flanged recept., neoprene | DT12-LO12-GKT |
|  | Gasket, DTP, 4 way, flanged recept., neoprene | DTP4P-L012-GKT |
|  | HD10 Series |  |
|  | Gasket, HD10, 3 way, neoprene | HD10-3-GKT |
|  | Gasket, HD10, 5 way, neoprene | HD10-5-GKT |
|  | Gasket, HD10, 6 way, neoprene | HD10-6-GKT |
|  | Gasket, HD10, 9 way, neoprene | HD10-9-GKT |
|  | Gasket, HD10, 9 way, neoprene, adhesive | HD10-9-GKT-AD |
|  | HD30/HDP20 Series |  |
|  | Gasket, HD30/HDP20, 18 shell, neoprene | 16-04978 |
|  | Gasket, HD30/HDP20, 24 shell, neoprene | 16-04477 |
|  | Gasket, HD30/HDP20, 24 shell, neoprene, adhesive backing | 16-04477AD |

## KEYING PINS

0413-214-1205

## CONNECTOR ACCESSORIES

|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
| $\frac{\text { 츤 }}{\underline{n}}$ | Keying pin, sz. 16 | 0413-215-1605 |
|  | Keying pin, sz. 20 | 0413-216-2005 |

MOUNTING FLANGES

|  | Device used to mount a connector to a surface |  |
| :---: | :---: | :---: |
|  | DRB Series |  |
|  | Flange, DRB, 102 or 128 way, A key | DRBF-1A |
|  | Flange, DRB, 102 or 128 way, B key | DRBF-1B |
|  | Flange, DRB, 48 or 60 way, A key | DRBF-2A |
|  | Flange, DRB, 48 or 60 way, B key | DRBF-2B |
|  | Flange, DRB, 48 or 60 way, C key | DRBF-2C |
|  | Flange, DRB, 48 or 60 way, D key | DRBF-2D |
|  | Flange, DRB, 48 or 60 way, A \& B key | DRBF-3AB |
|  | Flange, DRB, 102 way, A key, (2) 125 amp terminal posts | DRBM-3A |
|  | LEAVYSEAL |  |
|  | Flange adapter, LEAVYSEAL, 15 and 22 way, tab housing, 1 bay, env. sealed | 1703806-1 |
|  | Flange adapter, LEAVYSEAL, 39 and 62 way, tab housing, 1 bay | 1718329-1 |
|  | Flange adapter, LEAVYSEAL, 39 and 62 way, tab housing, 1 bay, env. sealed | 2236721-1 |
|  | Flange adapter, LEAVYSEAL, 39 and 62 way, tab housing, 2 bays | 1813123-1 |
|  | Flange adapter, LEAVYSEAL, 39 and 62 way, tab housing, 2 bays, 1 bay closed | 1813123-2 |
|  | Flange adapter, LEAVYSEAL, 39 and 62 way, tab housing, 4 bays, env. sealed | 2138002-1 |
| MOUNTING HARDWARE |  |  |
|  | Device used to assist in mounting a connector to a surface |  |
|  | AMPSEAL 16 |  |
|  | Mounting clip, AMPSEAL 16, plastic, black, without anti-rotational feature | 1924487-1 |
|  | Mounting clip, AMPSEAL 16, plastic, black, with anti-rotational feature | 1924487-2 |
|  | Mounting clip, AMPSEAL 16 hybrid lever, 5 mm panel, red | 2138852-1 |
|  | Mounting clip, AMPSEAL 16 hybrid lever, 4 mm panel, yellow | 2138852-2 |
|  | Mounting clip, AMPSEAL 16 hybrid lever, 3 mm panel, black | 2138852-3 |
|  | Wire cover, AMPSEAL 16 hybrid lever, $90^{\circ}$ | 2138853-1 |
|  | Circular DIN |  |



## CONNECTOR ACCESSORIES

|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
|  | Fixing slide, HDSCS, group C, 3.5 mm , gray | 1670720-6 |
|  | Fixing slide, HDSCS, group C, 3.0 mm , yellow | 1670720-1 |
|  | Fixing slide, HDSCS, group C, 2.5 mm , red | 1670720-2 |
|  | Fixing slide, HDSCS, group D, 3.0 mm , yellow | 1564562-1 |
|  | Fixing slide, HDSCS, group D, 2.5 mm , red | 1564562-2 |
|  | Fixing slide, HDSCS, group D, 1.5 mm , gray | 1564562-5 |
|  | Fixing slide, HDSCS, group D, 1.0 mm , natural | 1564562-4 |
|  | Fixing slide, HDSCS, group E, 3.5 mm , gray | 1564411-6 |
|  | Fixing slide, HDSCS, group E, 3.0 mm , yellow | 1564411-1 |
|  | Fixing slide, HDSCS, group E, 2.5 mm, red | 1564411-2 |
|  | Fixing slide, HDSCS, group E, 1.5 mm , gray | 1564411-5 |
|  | LEAVYSEAL |  |
|  | Locking slide, LEAVYSEAL, 15 and 22 way, use with adapter, red | 1703804-1 |
|  | Locking slide, LEAVYSEAL, 21 way, 2.5 mm panel, red | 2112166-1 |
|  | Locking slide, LEAVYSEAL, 21 way, 3 mm panel, yellow | 2112166-2 |
|  | Locking slide, LEAVYSEAL, 21 way, 3.5 mm panel, gray | 2112166-3 |
|  | Locking slide, LEAVYSEAL, 26 way, 2.5 mm panel, red | 2112045-1 |
|  | Locking slide, LEAVYSEAL, 26 way, 3 mm panel, yellow | 2112045-2 |
|  | Locking slide, LEAVYSEAL, 39 and 62 way, use with adapter, red | 1718328-1 |
|  | PCB ENCLOSURES |  |
|  | Compact circuit board enclosures that accept DEUTSCH headers |  |
|  | DT Series |  |
|  | Enclosure, EEC, 5" $\times 6.50$ " [127.00 $\times 165.10 \mathrm{~mm}$ ] PCB, with vent hole | EEC-5X650A |
|  | Enclosure, EEC, 5" $\times 6.50$ " [127.00 $\times 165.10 \mathrm{~mm}$ ] PCB, without vent hole | EEC-5X650B |
|  | DTM Series |  |
|  | Enclosure, EEC, 3.25 " $\times 4$ " [ $82.55 \times 101.60 \mathrm{~mm}$ ] PCB, with vent hole | EEC-325X4A |
|  | Enclosure, EEC, $3.25^{\prime \prime} \times 4^{\prime \prime}$ [ $82.55 \times 101.60 \mathrm{~mm}$ ] PCB, with vent hole, transparent PEI material | EEC-325X4A-E016 |
|  | Enclosure, EEC, $3.25^{\prime \prime} \times 4$ " [82.55 $\times 101.60 \mathrm{~mm}$ ] PCB, without vent hole | EEC-325X4B |
|  | Enclosure, EEC, 3.25 " $\times 4 "$ [ $82.55 \times 101.60 \mathrm{~mm}$ ] PCB, without vent hole, transparent PEI material | EEC-325X4B-E016 |

PROTECTIVE COVERS


## CONNECTOR ACCESSORIES



|  | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { 品 } \\ & \hline \text { O} \end{aligned}$ | Cover, protective, HDSCS, group E, tab housing, env. sealed | 2112297-1 |
|  | LEAVYSEAL |  |
|  | Cover, protective, LEAVYSEAL, 21 way, tab housing, env. sealed | 1-1394052-1 |
| PROTECTIVE COVERS WITH LADD LANYARDS |  |  |
|  | Cap or cover used to protect the connector interface when not mated that includes a rubber or steel coated Nylon attachment |  |
|  | HD10 Series |  |
|  | Cover, protective, HD10, 3 way, plug, env. sealed, rubber lanyard, gray | HDC14-3-JDL |
|  | Cover, protective, HD10, 6 way, plug, env. sealed, rubber lanyard, gray | HDC14-6-JDL |
|  | Cover, protective, HD10, 6 way, plug, env. sealed, steel lanyard, gray | HDC14-6-LA |
|  | Cover, protective, HD10, 9 way, plug, env. sealed, rubber lanyard, gray | HDC14-9-JDL |
|  | Cover, protective, HD10, 3 way, recept., env. sealed, rubber lanyard, gray | HDC16-3-JDL |
|  | Cover, protective, HD10, 3 way, recept., env. sealed,steel lanyard, gray | HDC16-3-LA |
|  | Cover, protective, HD10, 5 way, recept., env. sealed, steel lanyard, gray | HDC16-5-LA |
|  | Cover, protective, HD10, 6 way, recept., env. sealed, rubber lanyard, gray | HDC16-6-JDL |
|  | Cover, protective, HD10, 6 way, recept., env. sealed, steel lanyard, gray | HDC16-6-LA |
|  | Cover, protective, HD10, 9 way, recept., env. sealed, rubber lanyard, gray | HDC16-9-JDL |
|  | Cover, protective, HD10, 9 way, recept., env. sealed, rubber lanyard, black | HDC9-JDL082397 |
|  | Cover, protective, HD10, 9 way, recept., env. sealed, steel lanyard, gray | HDC16-9-L47N |
|  | Cover, protective, HD10, 9 way, recept., env. sealed, steel lanyard, black | HDC16-9-E004-L47N |
|  | HDP2 |  |
|  | Cover, protective, HDP20, 18 shell, recept., env. sealed, rubber lanyard, black | HDC26-18-JDL |
|  | Cover, protective, HDP20, 18 shell, recept., env. sealed, steel lanyard, black | HDC26-18-LA |
|  | Cover, protective, HDP20, 24 shell, recept., env. sealed, rubber lanyard, black | HDC26-24-JDL |
|  | Cover, protective, HDP20, 24 shell, recept., env. sealed, steel lanyard, black | HDC26-24-LA |
|  | Lanyard, rubber | JDL082397 |
|  | Lanyard, steel, $3 / 64^{\prime \prime} \times 6$ " [1.19 $\times 152.40 \mathrm{~mm}$ ], nylon coating | L47N-600-1 |
|  | Lanyard, steel, 3/64" $\times 16$ " [1.19 $\times 406.40 \mathrm{~mm}$ ], nylon coating | L47N-1600-1 |

## SEALING PLUGS

Solid plug used to fill open cavities to maintain the environmental seal

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AMPSEAL
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## CONNECTOR ACCESSORIES



SEALS



## CONNECTOR ACCESSORIES



STRAIN RELIEF

| $\begin{aligned} & \frac{2}{4} \frac{1}{4} \\ & \frac{\pi}{n} \frac{\pi}{x} \end{aligned}$ | Attachment for the rear of the connector |  |  |
| :---: | :---: | :---: | :---: |
|  | DRC Series |  |  |
|  | Wire router, DRC, 40 way (DRC26-40SA) |  | 0515-015-4005 |
|  | Wire router, DRC, 70 way |  | 0515-029-7005 |

## CONNECTOR ACCESSORIES



## CONTACTS

CURRENT RATING
1.0 mm (Superseal 1.0) STAMPED \& FORMED RECEPTACLES

| $\begin{aligned} & E \\ & E \\ & \hline \end{aligned}$ | 1.0 mm |  |  |
| :---: | :---: | :---: | :---: |
|  | Up to 15 | Recept., S\&F, sz. $1.0 \mathrm{~mm}, 0.5 \mathrm{~mm}^{2},[1.6-2.2]$ ins., gold interface tin crimp | 3-1447221-4 |
|  | Up to 15 | Recept., S\&F, sz. $1.0 \mathrm{~mm}, 0.75-1.25 \mathrm{~mm}^{2}$, [1.6-2.4] ins., gold interface tin crimp | 3-1447221-3 |
| 1.3 mm (AMPSEAL) STAMPED \& FORMED RECEPTACLES |  |  |  |
| $\begin{aligned} & E \\ & E \\ & \text { M } \end{aligned}$ | 1.3 mm |  |  |
|  | up to 8 | Recept., S\&F, sz. 1.3 mm, 16-20 AWG [1.25-0.50 mm²], .067-.106 [1.70-2.70] ins., pre-tin | 770520-1 |
|  | up to 8 | Recept., S\&F, sz. 1.3 mm , 16-20 AWG [1.25-0.50 mm²], .067-.106 [1.70-2.70] ins., pre-tin, loose piece | 770854-1 |
|  | up to 17 | Recept., S\&F, sz. 1.3 mm , 16-20 AWG [1.25-0.50 mm²], .067-. 106 [1.70-2.70] ins., selective gold | 770520-3 |
|  | up to 17 | Recept., S\&F, sz. 1.3 mm , 16-20 AWG [1.25-0.50 mm²], .067-. 106 [1.70-2.70] ins., selective gold, loose piece | 770854-3 |

HDSF 16 (AMPSEAL 16) STAMPED \& FORMED RECEPTACLES

|  | 1.58 mm |  |  |
| :---: | :---: | :---: | :---: |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 18-20$ AWG [0.80-0.50 mm²], .050-. 107 [1.27-2.72] ins., gold | 1924464-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 18-20$ AWG [0.80-0.50 mm²], .050-. 107 [1.27-2.72] ins., gold, loose piece | 1924580-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 18-20$ AWG [0.80-0.50 mm²], .050-.107 [1.27-2.72] ins., nickel | 1924464-2 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm, 18-20 AWG [0.80-0.50 mm²], .050-.107 [1.27-2.72] ins., nickel, loose piece | 1924580-2 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm , 18-20 AWG [0.80-0.50 mm²], .089-. 131 [2.26-3.33] ins., gold | 776493-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 18-20$ AWG [0.80-0.50 mm²], .089-.131 [2.26-3.33] ins., nickel | 776493-2 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 18$ AWG [1.50-0.80 mm²], .065-.118 [1.65-3.00] ins., gold | 2098251-1 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm , 18 AWG [1.50-0.80 mm²], .065-.118 [1.65-3.00] ins., nickel | 2098251-2 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .077-.155 [2.18-3.67] ins., gold | 776491-1 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .077-.155 [2.18-3.67] ins., gold, loose piece | 776297-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .077-.155 [2.18-3.67] ins., nickel | 776491-2 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .077-. 155 [2.18-3.67] ins., nickel, loose piece | 776297-2 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., gold | 776492-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., gold, loose piece | 776299-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., nickel | 776492-2 |
|  | up to 13 | Recept., S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .089-. 131 [2.26-3.33] ins., nickel, loose piece | 776299-2 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 14$ AWG [2.50-1.50 mm²], .083-.128 [2.11-3.25] ins., gold | 2098253-1 |
|  | up to 13 | Recept., S\&F, sz. $1.58 \mathrm{~mm}, 14$ AWG [2.50-1.50 mm²], .083-.128 [2.11-3.25] ins., nickel | 2098253-2 |

## HDSF 16 (AMPSEAL 16) STAMPED \& FORMED PINS

| $E$ <br> $E$ <br> $\infty$ <br> $1 ?$ | 1.58 mm |  |  |
| :---: | :---: | :---: | :---: |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm, 18-20 AWG [0.80-0.50 mm²], .050-.107 [1.27-2.72] ins., gold | 1924463-1 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 18-20 AWG [0.80-0.50 mm²], .050-.107 [1.27-2.72] ins., gold, loose piece | 1924579-1 |
|  | up to 13 | Pin, S\&F, sz. $1.58 \mathrm{~mm}, 18-20$ AWG [0.80-0.50 mm²], .050-. 107 [1.27-2.72] ins., nickel | 1924463-3 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 18-20 AWG [0.80-0.50 mm²], .050-.107 [1.27-2.72] ins., nickel, loose piece | 1924579-3 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 18-20 AWG [0.80-0.50 mm²], .089-.131 [2.26-3.33] ins., gold | 776349-1 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 18-20 AWG [0.80-0.50 mm²], .089-.131 [2.26-3.33] ins., nickel | 776349-3 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm, 18 AWG [1.50.-0.80 mm²], .065-.118 [1.65-3.00] ins., gold | 2098250-1 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 18 AWG [1.50.-0.80 mm²], .065-.118 [1.65-3.00] ins., nickel | 2098250-3 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., gold | 638078-1 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., gold, loose piece | 776300-1 |
|  | up to 13 | Pin, S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., nickel | 638078-3 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .089-.131 [2.26-3.33] ins., nickel, loose piece | 776300-2 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .077-. 155 [2.18-3.67] ins., gold | 638112-1 |
|  | up to 13 | Pin, S\&F, sz. 1.58 mm , 14-18 AWG [2.00-0.80 mm²], .077-.155 [2.18-3.67] ins., gold, loose piece | 776298-1 |
|  | up to 13 | Pin, S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .077-.155 [2.18-3.67] ins., nickel | 638112-3 |
|  | up to 13 | Pin, S\&F, sz. $1.58 \mathrm{~mm}, 14-18$ AWG [2.00-0.80 mm²], .077-. 155 [2.18-3.67] ins., nickel, loose piece | 776298-2 |
|  | up to 13 | Pin, S\&F, sz. $1.58 \mathrm{~mm}, 14$ AWG [2.50-1.50 mm²], .083-.128 [2.11-3.25] ins., gold | 2098252-1 |
|  | up to 13 | Pin, S\&F, sz. $1.58 \mathrm{~mm}, 14$ AWG [2.50-1.50 mm²], .083-.128 [2.11-3.25] ins., nickel | 2098252-3 |

## 2.5 mm (Circular DIN) STAMPED \& FORMED SOCKETS

| $$ | 2.5 mm |  |  |
| :---: | :---: | :---: | :---: |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.2-0.4 \mathrm{~mm}^{2}, .045-.063$ [1.15-1.6] ins., unsealed, tin | 929969-1 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.2-0.4 \mathrm{~mm}^{2}, .045-.063$ [1.15-1.6] ins., unsealed, tin, loose piece | 962976-1 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}, .055-.083$ [1.4-2.1] ins., unsealed, tin | 929970-1 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}, .055-.083$ [1.4-2.1] ins., unsealed, tin, loose piece | 962977-1 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}, .055-.083$ [1.4-2.1] ins., unsealed, silver | 929970-7 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}$, .055-.083 [1.4-2.1] ins., unsealed, silver, loose piece | 962977-7 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}, .055-.083$ [1.4-2.1] ins., unsealed, gold | 929970-8 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}$, .055-.083 [1.4-2.1] ins., unsealed, gold, loose piece | 962977-8 |
|  | Up to 40 | Socket, S\&F, sz. $2.5 \mathrm{~mm},>1.0-2.5 \mathrm{~mm}^{2}$, .075-.118 [1.9-3.0] ins., unsealed, tin | 929971-1 |

## CONTACTS

CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER


## 2.5 mm (Circular DIN) STAMPED \& FORMED PINS

| 2.5 mm |  |  |  |
| :---: | :---: | :---: | :---: |
| $\llcorner$ | Up to 40 | Pin, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}$, .055-.083 [1.4-2.1] ins., unsealed, tin | 929963-1 |
| $\sim$ | Up to 40 | Pin, S\&F, sz. $2.5 \mathrm{~mm}, 0.5-1.0 \mathrm{~mm}^{2}$, .055-.083 [1.4-2.1] ins., unsealed, tin, loose piece | 962967-1 |

CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER


## CONTACTS

CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER

|  | M | PART DESCRIPTION | PART N |
| :---: | :---: | :---: | :---: |
| $E$ <br> $\vdots$ <br>  | Up to 40 | Pin, S\&F, sz. $2.5 \mathrm{~mm}, \geq 1.0-2.5 \mathrm{~mm}^{2}, .087-.118$ [2.2-3.0] ins., single wire sealing, silver, loose piece | 962972-7 |
|  | Up to 40 | Pin, S\&F, sz. $2.5 \mathrm{~mm}, \geq 1.0-2.5 \mathrm{~mm}^{2}$, .087-.118 [2.2-3.0] ins., single wire sealing, gold | 929968-8 |
|  | Up to 40 | Pin, S\&F, sz. $2.5 \mathrm{~mm}, \geq 1.0-2.5 \mathrm{~mm}^{2}, .087-.118$ [2.2-3.0] ins., single wire sealing, gold, loose piece | 962972-8 |

AMP MCP (HDSCS/LEAVYSEAL) STAMPED \& FORMED RECEPTACLES

| $\begin{aligned} & \text { K } \\ & \end{aligned}$ |  | 1.5K |  |
| :---: | :---: | :---: | :---: |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.22-0.35 mm², .043-.055 [1.1-1.4] FLR ins., CuNiSi, pre-tin | 1564324-1 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K}, 0.22-0.35 \mathrm{~mm}^{2}$, .043-.055 [1.1-1.4] FLR ins., CuNiSi, pre-tin, loose piece | 1564325-1 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.22-0.35 mm², .043-055 [1.1-1.4] FLR ins., CuNiSi, selective gold | 1564324-2 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K}, 0.22-0.35 \mathrm{~mm}^{2}$, .043-.055 [1.1-1.4] FLR ins., CuNiSi, selective gold, loose piece | 1564325-2 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K}, 0.22-0.35 \mathrm{~mm}^{2}$, .043-.055 [1.1-1.4] FLR ins., CuNiSi, selective silver | 1564324-3 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K}, 0.22-0.35 \mathrm{~mm}^{2}$, .043-.055 [1.1-1.4] FLR ins., CuNiSi, selective silver, loose piece | 1564325-3 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, pre-tin | 1241380-1 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, pre-tin, loose piece | 1241381-1 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective gold | 1241380-2 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective gold, loose piece | 1241381-2 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K}, 0.5-1.0 \mathrm{~mm}^{2}, .055-.083$ [1.4-2.1] FLR ins., CuNiSi, selective silver | 1241380-3 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective silver, loose piece | 1241381-3 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K}, 0.5-1.0 \mathrm{~mm}^{2}$, .055-. 083 [1.4-2.1] FLR ins., CuNiSi, min $1.27 \mu \mathrm{~m}$ selective gold | 1-1241380-2 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, >1.0-1.5 mm², .087-.094 [2.2-2.4] FLR ins., CuNiSi, pre-tin | 1418884-1 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K},>1.0-1.5 \mathrm{~mm}^{2}, .087-.094$ [2.2-2.4] FLR ins., CuNiSi, pre-tin, loose piece | 1418885-1 |
|  | Up to 20 | Recept., S\&F, sz. 1.5K, >1.0-1.5 mm², .087-.094 [2.2-2.4] FLR ins., CuNiSi, selective silver | 1418884-3 |
|  | Up to 20 | Recept., S\&F, sz. $1.5 \mathrm{~K},>1.0-1.5 \mathrm{~mm}^{2}$, .087-.094 [2.2-2.4] FLR ins., CuNiSi, selective silver, loose | 1418885-3 |
| 2.8 |  |  |  |
| $\stackrel{\infty}{\sim}$ | Up to 40 | Recept., S\&F, sz. 2.8, $0.35 \mathrm{~mm}^{2}$, .047-. 055 [1.2-1.4] FLR ins., CuNiSi, pre-tin | 1-968882-1 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, $0.35 \mathrm{~mm}^{2}, .047-.055$ [1.2-1.4] FLR ins., CuNiSi, pre-tin, loose piece | 1-968896-1 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, $0.35 \mathrm{~mm}^{2}$, .047-. 055 [1.2-1.4] FLR ins., CuNiSi, selective silver | 1-968882-3 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, $0.35 \mathrm{~mm}^{2}, .047-.055$ [1.2-1.4] FLR ins., CuNiSi, selective silver, loose piece | 1-968896-3 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, 0.5-1.0 mm², .055-. 083 [1.4-2.1] FLR ins., CuNiSi, pre-tin | 1-968855-1 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, pre-tin, loose piece | 1-968875-1 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective gold | 1-968855-2 |

CONTACTS
CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER

|  | AMPS | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: |
| $\stackrel{\boldsymbol{\infty}}{\boldsymbol{N}}$ | Up to 40 | Recept., S\&F, sz. 2.8, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective gold, loose piece | 1-968875-2 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective silver | 1-968855-3 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective silver, loose piece | 1-968875-3 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, >1.0-2.5 mm², .087-. 118 [2.2-3.0] FLR ins., CuNiSi, pre-tin | 1-968857-1 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, >1.0-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuNiSi, pre-tin, loose piece | 1-968876-1 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, >1.0-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuNiSi, selective silver | 1-968857-3 |
|  | Up to 40 | Recept., S\&F, sz. 2.8, >1.0-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuNiSi, selective silver, loose piece | 1-968876-3 |
| 6.3/4.8K |  |  |  |
| $\begin{aligned} & \frac{\Sigma}{\infty} \\ & \stackrel{y}{n} \\ & \text { i} \\ & \hline \end{aligned}$ | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.35-0.5 mm², .051-.091 [1.3-2.3] FLK or .047-.063 [1.2-1.6] FLR ins., CuNiSi, pretin | 1241410-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.35-0.5 mm², .051-.091 [1.3-2.3] FLK or .047-. 063 [1.2-1.6] FLR ins., CuNiSi, pretin, loose piece | 1241411-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.35-0.5 mm², .051-.091 [1.3-2.3] FLK or .047-. 063 [1.2-1.6] FLR ins., CuNiSi, selective silver | 1241410-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.35-0.5 mm², .051-.091 [1.3-2.3] FLK or .047-. 063 [1.2-1.6] FLR ins., CuNiSi, selective silver, loose piece | 1241411-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .079-. 106 [2.0-2.7] FLK or .055-.083 [1.4-2.1] FLR ins., CuNiSi, pre-tin | 1241412-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .079-.106 [2.0-2.7] FLK or .055-.083 [1.4-2.1] FLR ins., CuNiSi, pretin, loose piece | 1241413-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .079-. 106 [2.0-2.7] FLK or .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective silver | 1241412-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .079-. 106 [2.0-2.7] FLK or .055-.083 [1.4-2.1] FLR ins., CuNiSi, selective silver, loose piece | 1241413-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >1.0-2.5 mm², .106-.146 [2.7-3.7] FLK or .087-.118 [2.2-3.0] FLR ins., CuNiSi, pretin | 1241414-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >1.0-2.5 mm², .106-.146 [2.7-3.7] FLK or .087-.118 [2.2-3.0] FLR ins., CuNiSi, pretin, loose piece | 1241415-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >1.0-2.5 mm², .106-. 146 [2.7-3.7] FLK or .087-. 118 [2.2-3.0] FLR ins., CuNiSi, selective silver | 1241414-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >1.0-2.5 mm², .106-.146 [2.7-3.7] FLK or .087-.118 [2.2-3.0] FLR ins., CuNiSi, selective silver, loose piece | 1241415-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >2.5-4.0 mm² .161-.177 [4.1-4.5] FLK or .134-.146 [3.4-3.7] FLR ins., CuNiSi, pre-tin | 1241416-1 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .161-.177 [4.1-4.5] FLK or .134-. 146 [3.4-3.7] FLR ins., CuNiSi, pretin, loose piece | 1241417-1 |

## CONTACTS

CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER

|  | AMPS | ART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .161-.177 [4.1-4.5] FLK or .134-146 [3.4-3.7] FLR ins., CuNiSi, selective silver | 1241416-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .161-.177 [4.1-4.5] FLK or .134-.146 [3.4-3.7] FLR ins., CuNiSi, selective silver, loose piece | 1241417-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 4.0-6.0 mm², .134-.169 [3.4-4.3] FLR ins., CuNiSi, tin-silver | 1241418-4 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 4.0-6.0 mm², .134-.169 [3.4-4.3] FLR ins., CuNiSi, tin-silver, loose piece | 1241419-4 |
|  | Up to 40 | Recept., S\&F, sz. $6.3 / 4.8 \mathrm{~K}, 4.0-6.0 \mathrm{~mm}^{2}$, 134-.169 [3.4-4.3] FLR ins., CuNiSi, selective silver | 1-1241418-3 |
|  | Up to 40 | Recept., S\&F, sz. $6.3 / 4.8 \mathrm{~K}, 4.0-6.0 \mathrm{~mm}^{2}$, .134-.169 [3.4-4.3] FLR ins., CuNiSi, selective silver, loose piece | 1-1241419-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 4.0-6.0 mm², 134-.169 [3.4-4.3] FLR ins., CuNiSi, selective silver | 2-1241418-3 |
|  | Up to 40 | Recept., S\&F, sz. 6.3/4.8K, 4.0-6.0 mm², 134-.169 [3.4-4.3] FLR ins., CuNiSi, selective silver, loose piece | 2-1241419-3 |

AMP MCP (HDSCS/LEAVYSEAL) STAMPED \& FORMED TABS

| $\begin{aligned} & \text { 는 } \\ & \hline 1 \end{aligned}$ |  | 1.5K |  |
| :---: | :---: | :---: | :---: |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.2-0.5 mm², .047-.063 [1.2-1.6] FLR ins., CuFe2, pre-tin | 969028-2 |
|  | Up to 20 | Tab, S\&F, sz. $1.5 \mathrm{~K}, 0.2-0.5 \mathrm{~mm}^{2}, .047-.063$ [1.2-1.6] FLR ins., CuFe2, pre-tin, loose piece | 969029-2 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.2-0.5 mm², .047-.063 [1.2-1.6] FLR ins., CuSn4, gold | 969028-3 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.2-0.5 mm², .047-.063 [1.2-1.6] FLR ins., CuSn4, gold, loose piece | 969029-3 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuFe2, pre-tin | 964269-2 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuFe2, pre-tin, loose piece | 964270-2 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuSn4, gold | 964269-3 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuSn4, gold, loose piece | 964270-3 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuSn4, selective silver | 964269-5 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuSn4, selective silver, loose piece | 964270-5 |
|  | Up to 20 | Tab, S\&F, sz. $1.5 \mathrm{~K}, 1.5 \mathrm{~mm}^{2}$, .075-.094 [1.9-2.4] FLR ins., CuFe2, pre-tin | 1703278-2 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 1.5 mm², .075-.094 [1.9-2.4] FLR ins., CuFe2, pre-tin, loose piece | 1703279-2 |
|  | Up to 20 | Tab, S\&F, sz. $1.5 \mathrm{~K}, 1.5 \mathrm{~mm}^{2}$, .075-.094 [1.9-2.4] FLR ins., CuSn4, selective silver | 1703278-5 |
|  | Up to 20 | Tab, S\&F, sz. 1.5K, 1.5 mm², .075-.094 [1.9-2.4] FLR ins., CuSn4, selective silver, loose piece | 1703279-5 |
| 2.8 |  |  |  |
| $\underset{\sim}{\infty}$ | Up to 40 | Tab, S\&F, sz. 2.8, 0.2-0.5 mm², . 083 [2.1] max FLR ins., CuSn, pre-tin | 1-965982-1 |
|  | Up to 40 | Tab, S\&F, sz. 2.8, 0.2-0.5 mm², . 083 [2.1] max FLR ins., CuSn, pre-tin, loose piece | 1-965983-1 |
|  | Up to 40 | Tab, S\&F, sz. 2.8, 0.2-0.5 mm², . 083 [2.1] max FLR ins., CuSn, selective gold | 1-965982-3 |
|  | Up to 40 | Tab, S\&F, sz. 2.8, 0.2-0.5 mm², . 083 [2.1] max FLR ins., CuSn, selective gold, loose piece | 1-965983-3 |
|  | Up to 40 | Tab, S\&F, sz. 2.8, 0.5-1.0 mm², .083 [2.1] max FLR ins., CuSn, pre-tin | 1-962915-1 |



## CONTACTS

CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER

|  | AMPS | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuSn, selective silver, loose piece | 1-963742-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuFe, pre-tin | 2-962917-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuFe, pre-tin, loose piece | 2-963742-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuFe, selective silver | 2-962917-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 0.5-1.0 mm², .055-.083 [1.4-2.1] FLR ins., CuFe, selective silver, loose piece | 2-963742-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 1.5-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuSn, pre-tin | 1-962918-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 1.5-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuSn, pre-tin, loose piece | 1-963743-1 |
|  | Up to 40 | Tab, S\&F, sz. $6.3 / 4.8 \mathrm{~K}, 1.5-2.5 \mathrm{~mm}^{2}$, .087-.118 [2.2-3.0] FLR ins., CuSn, selective silver | 1-962918-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 1.5-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuSn, selective silver, loose piece | 1-963743-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 1.5-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuFe, pre-tin | 2-962918-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, 1.5-2.5 mm², .087-.118 [2.2-3.0] FLR ins., CuFe, pre-tin, loose piece | 2-963743-1 |
|  | Up to 40 | Tab, S\&F, sz. $6.3 / 4.8 \mathrm{~K}, 1.5-2.5 \mathrm{~mm}^{2}$, .087-.118 [2.2-3.0] FLR ins., CuFe, selective silver | 2-962918-2 |
|  | Up to 40 | Tab, S\&F, sz. $6.3 / 4.8 \mathrm{~K}, 1.5-2.5 \mathrm{~mm}^{2}$, .087-.118 [2.2-3.0] FLR ins., CuFe, selective silver, loose piece | 2-963743-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuSn, pre-tin | 1-962919-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuSn, pre-tin, loose piece | 1-963744-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuSn, selective silver | 1-962919-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuSn, selective silver, loose piece | 1-963744-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuFe, pre-tin | 2-962919-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuFe, pre-tin, loose piece | 2-963744-1 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuFe, selective silver | 2-962919-2 |
|  | Up to 40 | Tab, S\&F, sz. 6.3/4.8K, >2.5-4.0 mm², .106-.146 [2.7-3.7] FLR ins., CuFe, selective silver, loose piece | 2-963744-2 |

DEUTSCH STAMPED \& FORMED SOCKETS

|  | Size 20 |  |  |
| :---: | :---: | :---: | :---: |
| $\stackrel{\circ}{\mathrm{N}}$ | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-.125 [1.91-3.18] ins., nickel | 1062-20-0122 |
|  | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-.125 [1.91-3.18] ins., gold | 1062-20-0144 |
|  | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .051-.085 [1.30-2.16] ins., nickel | 1062-20-0222 |
|  | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .051-.085 [1.30-2.16] ins., gold | 1062-20-0244 |
|  | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-.125 [1.91-3.18] ins., nickel, sleeveless | 1062-20-0322 |
|  | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-.125 [1.91-3.18] ins., gold, sleeveless | 1062-20-0344 |
|  | 7.5 | Socket, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-.125 [1.91-3.18] ins., tin, sleeveless | 1062-20-0377 |
|  | 7.5 | Socket, S\&F, sz. 20, 14-16 AWG [2.50-1.00 mm²], .075-.125 [1.91-3.18] ins., nickel | 1062-20-0622 |



## DEUTSCH STAMPED \& FORMED PINS

|  |  | Size 20 |  |
| :---: | :---: | :---: | :---: |
| $\stackrel{\circ}{\mathrm{N}}$ | 7.5 | Pin, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-. 125 [1.91-3.18] ins., nickel | 1060-20-0122 |
|  | 7.5 | Pin, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .075-.125 [1.91-3.18] ins., gold | 1060-20-0144 |
|  | 7.5 | Pin, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .051-.085 [1.30-2.16] ins., nickel | 1060-20-0222 |
|  | 7.5 | Pin, S\&F, sz. 20, 16-22 AWG [1.50-0.35 mm²], .051-.085 [1.30-2.16] ins., gold | 1060-20-0244 |
| Size 16 |  |  |  |
| $\bullet$ | 13 | Pin, S\&F, sz. 16, 14-18 AWG [2.00-0.75 mm²], .075-.140 [1.91-3.56] ins., nickel | 1060-16-0122 |
|  | 13 | Pin, S\&F, sz. 16, 14-18 AWG [2.00-0.75 mm²], .075-.140 [1.91-3.56] ins., gold | 1060-16-0144 |
|  | 13 | Pin, S\&F, sz. 16, 16-20 AWG [1.00-0.50 mm²], .055-.100 [1.40-2.54] ins., nickel | 1060-16-0622 |
|  | 13 | Pin, S\&F, sz. 16, 16-20 AWG [1.00-0.50 mm²], .055-.100 [1.40-2.54] ins., gold | 1060-16-0644 |
|  | 13 | Pin, S\&F, sz. 16, 16-20 AWG [1.00-0.50 mm²], .055-. 100 [1.40-2.54] ins., selective gold | 1060-16-0688 |
|  | 13 | Pin, S\&F, sz. 16, 14-18 AWG [2.00-0.75 mm²], .075-.140 [1.91-3.56] ins., selective gold | 1060-16-0988 |
|  | 13 | Pin, S\&F, sz. 16, 12-16 AWG [2.50-1.00 mm²], .075-.140 [1.91-3.56] ins., nickel | 1060-16-1222 |

## CONTACTS

CURRENT RATING AMPS

PART DESCRIPTION
PART NUMBER

|  | MP | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: |
| $\bigcirc$ | Size 16 (14 AWG) |  |  |
|  | 13 | Pin, S\&F, sz. 16, 14-18 AWG [2.00-0.75 mm²], .095-.150 [2.41-3.81] ins., nickel | 1060-14-0122 |
|  | 13 | Pin, S\&F, sz. 16, 14-18 AWG [2.00-0.75 mm²], .095-.150 [2.41-3.81] ins., gold | 1060-14-0144 |
| Size 12 |  |  |  |
| N | 25 | Pin, S\&F, sz. 12, 12-14 AWG [4.00-2.00 mm²], .113-176 [2.87-4.47] ins., gold | 1060-12-0144 |
|  | 25 | Pin, S\&F, sz. 12, 12-14 AWG [4.00-2.00 mm²], .113-.176 [2.87-4.47] ins., nickel | 1060-12-0166 |
|  | Size 12 (10 AWG) |  |  |
|  | 25 | Pin, S\&F, sz. 12, 10 AWG [6.00-4.00 mm²], .140-.204 [3.56-5.18] ins., nickel | 1060-12-0222 |

## DEUTSCH SOLID SOCKETS

| $\stackrel{\circ}{\mathrm{N}}$ | Size 20 |  |  |
| :---: | :---: | :---: | :---: |
|  | 7.5 | Socket, solid, sz. 20, 20 AWG [0.50 mm²], nickel | 0462-201-20141 |
|  | 7.5 | Socket, solid, sz. 20, 20 AWG [0.50 mm²], gold | 0462-201-2031 |
|  | Size 20 (16-18 AWG) |  |  |
|  | 7.5 | Socket, solid, sz. 20, 16-18 AWG [1.00-0.75 mm²], nickel | 0462-005-20141 |
|  | 7.5 | Socket, solid, sz. 20, 16-18 AWG [1.00-0.75 mm²], gold | 0462-005-2031 |
| Size 16 |  |  |  |
| $\bigcirc$ | 13 | Socket, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], nickel | 0462-201-16141 |
|  | 13 | Socket, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], gold | 0462-201-1631 |
|  | 13 | Socket, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], gold, high durability | 0462-004-1631 |
|  | 13 | Socket, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], gold, extended crimp, seals against rear grommet | 0462-221-1631 |
|  | Size 16 (14 AWG) |  |  |
|  | 13 | Socket, solid, sz. 16, 14 AWG [2.00 mm²], nickel | 0462-209-16141 |
|  | 13 | Socket, solid, sz. 16, 14 AWG [2.00 mm²], gold | 0462-209-1631 |
| Size 12 |  |  |  |
| $\sim$ | 25 | Socket, solid, sz. 12, 12-14 AWG [3.00-2.00 mm²], nickel | 0462-203-12141 |
|  | 25 | Socket, solid, sz. 12, 12-14 AWG [3.00-2.00 mm²], gold | 0462-210-1231 |
| Size 8 |  |  |  |
| $\infty$ | 60 | Socket, solid, sz. 8, 8-10 AWG [10.00-5.00 mm²], nickel | 0462-203-08141 |
| Size 4 |  |  |  |
| * | 100 | Socket, solid, sz. 4, 6 AWG [16.00-13.00 mm²], nickel | 0462-203-04141 |
|  | 100 | Socket, solid, sz. 4, 4 AWG [25.00-21.00 mm²], nickel, C038 modification only | 5962-203-04141 |

DEUTSCH SOLID PINS

| Size 20 |  |  |  |
| :---: | :---: | :---: | :---: |
| $\stackrel{\text { 우N }}{ }$ | 7.5 | Pin, solid, sz. 20, 20 AWG [0.50 mm²], nickel | 0460-202-20141 |
|  | 7.5 | Pin, solid, sz. 20, 20 AWG [0.50 mm²], gold | 0460-202-2031 |
|  |  | Size 20 (16-18 AWG) |  |
|  | 7.5 | Pin, solid, sz. 20, 16-18 AWG [1.00-0.75 mm²], nickel | 0460-010-20141 |
|  | 7.5 | Pin, solid, sz. 20, 16-18 AWG [1.00-0.75 mm²], gold | 0460-010-2031 |
| Size 16 |  |  |  |
| $\bigcirc$ | 13 | Pin, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], nickel | 0460-202-16141 |
|  | 13 | Pin, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], gold | 0460-202-1631 |
|  | 13 | Pin, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], gold, high durability | 0460-002-1631 |
|  | 13 | Pin, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], nickel, extended crimp, seals against rear grommet | 0460-247-16141 |
|  | 13 | Pin, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], gold, extended crimp, seals against rear grommet | 0460-247-1631 |
|  | 13 | Pin, solid, sz. 16, 16-20 AWG [1.50-0.50 mm²], nickel, extended interface | 0460-264-16141 |
|  | Size 16 (14 AWG) |  |  |
|  | 13 | Pin, solid, sz. 16, 14 AWG [2.00 mm²], nickel | 0460-215-16141 |
|  | 13 | Pin, solid, sz. 16, 14 AWG [2.00 mm²], gold | 0460-215-1631 |
| Size 12 |  |  |  |
| $\mathfrak{N}$ | 25 | Pin, solid, sz. 12, 12-14 AWG [3.00-2.00 mm²], nickel | 0460-204-12141 |
|  | 25 | Pin, solid, sz. 12, 12-14 AWG [3.00-2.00 mm²], gold | 0460-220-1231 |
|  | 25 | Pin, solid, sz. 12, 16-18 AWG [1.50-0.75 mm²], gold | 0460-256-12233 |
| Size 8 |  |  |  |
| $\infty$ | 60 | Pin, solid, sz. 8, 8-10 AWG [10.00-5.00 mm²], nickel | 0460-204-08141 |
| Size 4 |  |  |  |
| * | 100 | Pin, solid, sz. 4, 6 AWG [16.00-13.00 mm²], nickel | 0460-204-0490 |
|  | 100 | Pin, solid, sz. 4, 4 AWG [25.00-21.00 mm²], nickel, C038 modification only | 5960-203-04141 |

DEUTSCH SOLID PCB PINS

| Size 20 |  |  |  |
| :---: | :---: | :---: | :---: |
| $\stackrel{\ominus}{\mathrm{N}}$ | 7.5 | Pin, solid, sz. 20, gold, extended PCB | 0460-208-2031 |
|  | 7.5 | Pin, solid, sz. 20, tin, extended PCB | 0460-208-2090 |

## CONTACTS

CURRENT RATING

|  | AMPS | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: |
| Size 16 |  |  |  |
| $\bigcirc$ | 13 | Pin, solid, sz. 16, nickel, extended PCB (see drawing 0425-202-0000) | 0460-208-16141 |
|  | 13 | Pin, solid, sz. 16, gold, extended PCB (see drawing 0425-202-0000) | 0460-208-1631 |
|  | 13 | Pin, solid, sz. 16, nickel, extended PCB (see drawing 0425-202-0000) | 0460-229-16141 |
|  | 13 | Pin, solid, sz. 16, nickel, extended PCB (see drawing 0425-202-0000) | 0460-241-16141 |
|  | 13 | Pin, solid, sz. 16, nickel, extended PCB (see drawing 0425-202-0000) | 0460-244-16141 |
|  | 13 | Pin, solid, sz. 16, gold, extended PCB (see drawing 0425-202-0000) | 0460-244-1631 |
| Size 12 |  |  |  |
| N | 25 | Pin, solid, sz. 12, nickel, extended PCB | 0460-208-12141 |
|  | 25 | Pin, solid, sz. 12, gold, extended PCB | 0460-245-1231 |
|  | 25 | Pin, solid, sz. 12, tin, extended PCB | 0460-245-1290 |

## CRIMP TOOLING - SOLID CONTACTS

## PRODUCTION CRIMP TOOLS



HAND CRIMP TOOLS

| HAND CRIMPTOOLS | Tooling |  |  |
| :---: | :---: | :---: | :---: |
|  | 4, 8 | Tool, crimp, hand, sz. 4 and 8, solid | HDT-04-08 |
|  | 12-20 | Tool, crimp, hand, sz. 20, 16, and 12, solid | HDT-48-00 |
|  | 12-20 | Tool, crimp, hand, sz. 20, 16, and 12, solid, field service | HDT-1561 |
|  | Accessories |  |  |
|  | N/A | Tool, gauge, Go-No-Go for HDT-48-00 | G454 |

## CRIMP TOOLING - SOLID CONTACTS

|  | CONTACT SIZE(S) | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: |
| $\frac{Q}{z} \frac{0}{x}$ | N/A | Tool, HDT-48-00, adjustment screw and locking nut | 0426-209-0000 |
|  | 4 | Tool, HDT-04-08, sz. 4 die | 0434-205-0400 |
|  | 8 | Tool, HDT-04-08, sz. 8 die | 0434-205-0800 |

## CRIMP TOOLING - STAMPED \& FORMED CONTACTS

PRODUCTION CRIMP TOOLS

|  | 1.0 mm |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.0 mm | 3-1447221-4 | Tool, crimp, sz. 1.0 mm S\&F die, .063-.075 [1.60-1.90] ins., mechanical | 2151705-1 |
|  | 1.0 mm | 3-1447221-4 | Tool, crimp, sz. 1.0 mm S\&F die, .063-.075 [1.60-1.90] ins., pneumatic | 2151705-2 |
|  | 1.0 mm | 3-1447221-3 | Tool, crimp, sz. 1.0 mm S\&F die, .063-.087 [1.60-2.20] ins., mechanical | 2151241-1 |
|  | 1.0 mm | 3-1447221-3 | Tool, crimp, sz. 1.0 mm S\&F die, .063-.087 [1.60-2.20] ins., pneumatic | 2151241-2 |
|  |  |  | 1.3 mm |  |
|  | 1.3 mm | 770520-* | Tool, crimp, sz. 1.3 mm S\&F die, .067-.106 [1.70-2.70] ins. | 2151376-1 |
|  |  |  | 1.58 mm |  |
|  | 1.58 mm | $\begin{gathered} \text { 2098250-*, } \\ \text { 2098251-1 } \end{gathered}$ | Tool, crimp, sz. 1.58 mm S\&F die, .065-.118 [1.65-3.00] ins. | 2151617-1 |
|  | 1.58 mm | 2098251-2 | Tool, crimp, sz. 1.58 mm S\&F die, .065-.118 [1.65-3.00] ins. | 2151617-2 |
|  | 1.58 mm | 638112-* | Tool, crimp, sz. 1.58 mm S\&F die, .077-.155 [1.96-3.94] ins. | 2151239-1 |
|  | 1.58 mm | 776491-* | Tool, crimp, sz. 1.58 mm S\&F die, .077-.155 [1.96-3.94] ins. | 2151239-2 |
|  |  |  | 1.5K |  |
|  | 1.5K | 969028 | Tool, crimp, sz. 1.5K S\&F die, .047-.063 [1.20-1.60] FLR ins., side feed, mechanical, fine adjust | 2151056-1 |
|  | 1.5K | 969028 | Tool, crimp, sz. 1.5K S\&F die, .047-.063 [1.20-1.60] FLR ins., side feed, pneumatic, fine adjust | 2151056-2 |
|  | 1.5K | 1564324 | Tool, crimp, sz. 1.5K S\&F die, .047-.063 [1.10-1.40] FLR ins., side feed, mechanical, fine adjust | 2151469-1 |
|  | 1.5K | 1564324 | Tool, crimp, sz. 1.5K S\&F die, .047-.063 [1.10-1.40] FLR ins., side feed, pneumatic, fine adjust | 2151469-2 |
|  | 1.5K | 964269 | Tool, crimp, sz. 1.5K S\&F die, .055-.083 [1.40-2.10] FLR ins., side feed, mechanical, fine adjust | 2151935-1 |
|  | 1.5K | 964269 | Tool, crimp, sz. 1.5 K S\&F die, .055-.083 [1.40-2.10] FLR ins., side feed, pneumatic, fine adjust | 2151935-2 |
|  | 1.5K | 1418884 | Tool, crimp, sz. 1.5K S\&F die, .087-.094 [2.20-2.40] FLR ins., side feed, mechanical, fine adjust | 2266179-1 |
|  | 1.5K | 1418884 | Tool, crimp, sz. 1.5 K S\&F die, .087-.094 [2.20-2.40] FLR ins., side feed, pneumatic, fine adjust | 2266179-2 |
|  | 1.5K | 1703278 | Tool, crimp, sz. 1.5K S\&F die, .074-.094 [1.90-2.40] FLR ins., side feed, mechanical, fine adjust | 2266180-1 |
|  | 1.5K | 1703278 | Tool, crimp, sz. 1.5K S\&F die, .074-.094 [1.90-2.40] FLR ins., side feed, pneumatic, fine adjust | 2266180-2 |
|  | 2.5 mm |  |  |  |
|  | 2.5 mm | $\begin{aligned} & \text { 929963, } \\ & 929970 \end{aligned}$ | Tool, crimp, sz. $2.5 \mathrm{~mm} \mathrm{~S} \mathrm{\& F} \mathrm{die}, \mathrm{.055-.083} \mathrm{[1.40-2.10]} \mathrm{ins.} ,\mathrm{side} \mathrm{feed}, \mathrm{lead-maker}$, | 1426121-1 |
|  | 2.5 mm | $\begin{aligned} & 929963, \\ & 929970 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .055-.083 [1.40-2.10] ins., side feed, bench press, cuts carrier | 1426121-2 |
|  | 2.5 mm | $\begin{aligned} & 929963, \\ & 929970 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .055-. 083 [1.40-2.10] ins., side feed, lead-maker, cont. carrier | 1426121-6 |

## CRIMP TOOLING - STAMPED \& FORMED CONTACTS

CONTACT

|  | SIZE | PART NUMBER | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: | :---: |
|  | 2.5 mm | $\begin{aligned} & 929965, \\ & 929972 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .106-.142 [2.70-3.60] ins., side feed, lead-maker, cuts carrier | 1426425-1 |
|  | 2.5 mm | $\begin{aligned} & 929965, \\ & 929972 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .106-.142 [2.70-3.60] ins., side feed, bench press, cuts carrier | 1426425-2 |
|  | 2.5 mm | $\begin{aligned} & 929965, \\ & 929972 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .106-.142 [2.70-3.60] ins., side feed, lead-maker, cont. carrier | 1426425-6 |
|  | 2.5 mm | $\begin{aligned} & 929963, \\ & 929970 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .055-.083 [1.40-2.10] ins., side feed, lead-maker, cuts carrier, fine adjust | 1528689-1 |
|  | 2.5 mm | $\begin{aligned} & 929963, \\ & 929970 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .055-.083 [1.40-2.10] ins., side feed, bench press, cuts carrier, fine adjust | 1528689-2 |
|  | 2.5 mm | $\begin{aligned} & 929963, \\ & 929970 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, .055-.083 [1.40-2.10] ins., side feed, lead-maker, cont. carrier, fine adjust | 1528689-6 |
|  | 2.5 mm | 929975 | Tool, crimp, sz. 2.5 mm S\&F die, .087-.118 [2.20-3.00] ins., side feed, mechanical, fine adjust | 2151345-1 |
|  | 2.5 mm | 929975 | Tool, crimp, sz. 2.5 mm S\&F die, .087-.118 [2.20-3.00] ins., side feed, pneumatic, fine adjust | 2151345-2 |
|  | 2.5 mm | $\begin{aligned} & 929966, \\ & 929973 \end{aligned}$ | Tool, crimp, sz. $2.5 \mathrm{~mm} \mathrm{~S} \mathrm{\& F} \mathrm{die}$,134 [3.4] max ins., side feed, mechanical, fine adjust | 2151732-1 |
|  | 2.5 mm | $\begin{aligned} & 929966, \\ & 929973 \end{aligned}$ | Tool, crimp, sz. 2.5 mm S\&F die, . 134 [3.4] max ins., side feed, pneumatic, fine adjust | 2151732-2 |
|  | 2.5 mm | $\begin{gathered} 929964, \\ 929971 \end{gathered}$ | Tool, crimp, sz. 2.5 mm S\&F die, .075-.118 [1.90-3.00] ins., side feed, mechanical, fine adjust | 2266503-1 |
|  | 2.5 mm | $\begin{gathered} 929964, \\ 929971 \end{gathered}$ | Tool, crimp, sz. 2.5 mm S\&F die, . $075-.118$ [1.90-3.00] ins., side feed, pneumatic, fine adjust | 2266503-2 |
|  |  |  | 2.8 |  |
|  | 2.8 | 962915 | Tool, crimp, sz. 2.8 S\&F die, . 083 [2.1] max FLR ins., side feed, mechanical, fine adjust | 2151181-1 |
|  | 2.8 | 962915 | Tool, crimp, sz. 2.8 S\&F die, . 083 [2.1] max FLR ins., side feed, pneumatic, fine adjust | 2151181-2 |
|  | 2.8 | 962916 | Tool, crimp, sz. 2.8 S\&F die, .118 [3.0] max FLR ins., side feed, mechanical, fine adjust | 2151260-1 |
|  | 2.8 | 962916 | Tool, crimp, sz. 2.8 S\&F die, .118 [3.0] max FLR ins., side feed, pneumatic, fine adjust | 2151260-2 |
|  | 2.8 | 968882 | Tool, crimp, sz. 2.8 S\&F die, .047-.055 [1.20-1.40] FLR ins., side feed, mechanical, fine adjust | 2151559-1 |
|  | 2.8 | 968882 | Tool, crimp, sz. 2.8 S\&F die, .047-.055 [1.20-1.40] FLR ins., side feed, pneumatic, fine adjust | 2151559-2 |
|  | 2.8 | 965982 | Tool, crimp, sz. 2.8 S\&F die, . 083 [2.1] max FLR ins., side feed, mechanical, fine adjust | 2151840-1 |
|  | 2.8 | 965982 | Tool, crimp, sz. 2.8 S\&F die, . 083 [2.1] max FLR ins., side feed, pneumatic, fine adjust | 2151840-2 |
|  |  |  | 6.3/4.8K |  |
|  | 6.3/4.8K | 1241416 | Tool, crimp, sz. 6.3/4.8K S\&F die, .161-177 [4.10-4.50] FLK ins. and .134-.146 [3.40-3.70] FLR ins., side feed, pneumatic, fine adjust | 2151151-2 |

## CRIMP TOOLING - STAMPED \& FORMED CONTACTS



## CRIMP TOOLING - STAMPED \& FORMED CONTACTS

|  |  | CONTACT |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | SIZE | PART NUMBER | PART DESCRIPTION | PART NUMBER |
|  | 16 | 106*-16-06** | Tool, crimp, sz. 16 S\&F die, .050-.075 [1.27-1.91] ins. | 2266111-1 |
|  | 16 | $\begin{aligned} & 106^{*}-16-12^{* *}, \\ & 1062-16-14^{* *} \end{aligned}$ | Tool, crimp, sz. 16 S\&F die, .120-.140 [3.05-3.56] ins. | 2266112-1 |
|  | 16 | $\begin{aligned} & \hline 106^{*}-16-12^{* *}, \\ & 1062-16-14^{* *} \end{aligned}$ | Tool, crimp, sz. 16 S\&F die, .105-. 125 [2.67-3.18] ins. | 2266113-1 |
|  | 16 | $\begin{aligned} & \hline 106^{*}-16-12^{* *}, \\ & 1062-16-14^{* *} \\ & \hline \end{aligned}$ | Tool, crimp, sz. 16 S\&F die, .090-.110 [2.29-2.79] ins. | 2266114-1 |
|  | 16 | $\begin{aligned} & 106^{*}-16-12^{* *}, \\ & 1062-16-14^{* *} \end{aligned}$ | Tool, crimp, sz. 16 S\&F die, .075-.095 [1.91-2.41] ins. | 2266115-1 |
|  | Size 12 |  |  |  |
|  | 12 | 106*-12-01** | Tool, crimp, sz. 12 S\&F die, .151-.176 [3.83-4.47] ins. | 2266124-1 |
|  | 12 | 106*-12-01** | Tool, crimp, sz. 12 S\&F die, .130-. 154 [3.30-3.91] ins. | 2266125-1 |
|  | 12 | 106*-12-01** | Tool, crimp, sz. 12 S\&F die, .113-.135 [2.87-3.43] ins. | 2266126-1 |
|  | 12 | 106*-12-02** | Tool, crimp, sz. 12 S\&F die, .185-.204 [4.70-5.18] ins. | 2266127-1 |
|  | 12 | 106*-12-02** | Tool, crimp, sz. 12 S\&F die, .155-.190 [3.94-4.83] ins. | 2266128-1 |
|  | 12 | 106*-12-02** | Tool, crimp, sz. 12 S\&F die, .140-.160 [3.56-4.06] ins. | 2266129-1 |

## HAND CRIMP TOOLS

| HAND CRIMP TOOLS | $1.0 \text { mm }$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1.0 mm | 3-1447221-3 | Tool, crimp, hand, sz. 1.0 mm S\&F, CERTI-CRIMP tool with fixed dies | 1454509-1 |
|  | $1.3 \text { mm }$ |  |  |  |
|  | 1.3 mm | - | Tool, crimp, hand, sz. 1.3 mm S\&F, 16-20 AWG [1.25-0.50 mm²] | 58529-1 |
|  | $1.58 \text { mm }$ |  |  |  |
|  | 1.58 mm | - | Tool, crimp, hand, sz. $1.58 \mathrm{~mm} \mathrm{~S} \mathrm{\& F}$, 14-18 AWG [2.00-0.80 mm²] | 91337-1 |
|  | 1.58 mm | - | Tool, crimp, hand, sz. $1.58 \mathrm{~mm} \mathrm{~S} \mathrm{\& F}$, 18-20 AWG [0.80-0.50 mm²] | 2119118-1 |
|  | 2.5 mm |  |  |  |
|  | 2.5 mm | - | Tool, crimp, hand, sz. 2.5 mm S\&F, PRO-CRIMPER III tool and die set | 58606-1 |
|  | 2.5 mm | - | Tool, crimp, hand, sz. 2.5 mm S\&F, CERTI-LOK tool with fixed die | 734285-2 |
|  | Size 20 |  |  |  |
|  | 20 | - | Tool, crimp, hand, sz. 20 S\&F, 16-20 AWG [1.50-0.50 mm²] | DTT-20-00 |
|  | 20 | - | Tool, crimp, hand, sz. 20 S\&F (106*-20-02**), 18-22 AWG [0.80-0.35 mm²] | DTT-20-02 |
|  | $\text { Size } 16$ |  |  |  |
|  | 16 | - | Tool, crimp, hand, sz. 16 S\&F, 14-16 AWG [2.00-1.00 mm²] | DTT-16-00 |
|  | 16 | - | Tool, crimp, hand, sz. 16 S\&F, 18-20 AWG [0.75-0.50 mm²] | DTT-16-01 |

## CRIMP TOOLING - STAMPED \& FORMED CONTACTS

|  | SIZE | PART NUMBER | PART DESCRIPTION | PART NUMBER |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Q o } \\ & \frac{2}{2} \\ & \text { 슨 } \end{aligned}$ | 16 | - | Tool, crimp, hand, sz. 16 S\&F (106*-16-12**), 12-16 AWG [2.50-1.00 mm²] | DTT-16-02 |
|  | Size 12 |  |  |  |
|  | 12 | - | Tool, crimp, hand, sz. 12 S\&F, 12-14 AWG [4.00-2.00 mm²] | DTT-12-00 |
|  | $\begin{gathered} 12 \\ (10 \mathrm{AWG}) \end{gathered}$ | - | Tool, crimp, hand, sz. 12 S\&F, 10 AWG [6.00-5.00 mm²] | DTT-12-01 |

## DEUTSCH MODIFICATION LIST

| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :---: |
| A |  |  |
| A004 | DRC | Receptacle with molded-in PCB pins, 24 and 40 way |
| A006 | DRC | Receptacle with molded-in PCB pins, 40 way, \#40 pin removed |
| B |  |  |
| B009 | HD10 | Receptacle with raised key removed from front of flange, no rear threads |
| B010 | HD10 | Plug with coupling ring added |
| B016 | DT, DT13/15 | Receptacle has extended shell and enhanced keys, plug has enhanced seal retention (PO12), 12 way |
| B019 | HD30 | Custom snap ring mount |
| B022 | HD10 | Receptacle with D-hole panel mount, rear threads, J1939, black |
| B025 | HD10 | Receptacle with D-hole panel mount, no rear threads, black |
| B026 | DTMF | PCB receptacle with alternate keying, requires plugs with WM-12S-B026 wedgelocks |
| B028 | DT15 | 5 P.S.I rating |
| BE |  |  |
| BEO2 | DT | Receptacle with extended shell and enhanced keys (B016), end cap |
| BEO3 | DT | Receptacle with extended shell and enhanced keys (B016), end cap, black |
| BE04 | DT | Receptacle with extended shell and enhanced keys (B016), end cap, reduced diameter seals (E seal), black |
| BEO5 | DT | Receptacle with extended shell and enhanced keys (BO16), end cap, sealed flange, reduced diameter seals (E seal), threaded stainless steel flange inserts |
| BL |  |  |
| BLO4 | DT | Receptacle with extended shell and enhanced keys (B016), welded flange |
| BL08 | DT | Receptacle with extended shell and enhanced keys (B016), welded flange, black |
| BL10 | DT | Receptacle with extended shell and enhanced keys (BO16), sealed flange, reduced diameter seals (E seal), shrink boot adapter, threaded stainless steel flange inserts |
| BL11 | DT | Receptacle with extended shell and enhanced keys (BO16), sealed flange, reduced diameter seals (E seal), end cap, threaded stainless steel flange inserts |
| BP |  |  |
| BPO3 | HD10 | Receptacle with D-hole panel mount, J1939 Type II, green |



## DEUTSCH MODIFICATION LIST

| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :--- |
| CE11 | DT | Plug with reduced diameter seals (E seal), enhanced seal retention (PO12), end cap, black |
| CE12 | DT | Plug with reduced diameter seals (E seal), enhanced seal retention (PO12), shrink boot adapter, black |
| CE13 | DT | Plug with reduced diameter seals (E seal), enhanced seal retention (PO12), shrink boot adapter |
| CE14 | DT | Plug with reduced diameter seals (E seal), enhanced seal retention (PO12), latch guard end cap, black |
| CE27 | DT | Plug with reduced diameter seals (E seal), enhanced seal retention (PO12), for use with integrated LED wedgelock, end cap, transparent <br> PEI |
| CE28 | DT | Plug with reduced diameter seals (E seal), enhanced seal retention (PO12), for use with integrated LED wedgelock, transparent PEI |
| CL | HD30 | Cavities blocked (J, Q, R, S, X), adapter for cable clamp (O72) |
| CL01 | DT | Reduced diameter seals (E seal), welded flange |
| CLO3 | DT | Reduced diameter seals (E seal), welded flange, black |
| CL06 | DT | Reduced diameter seals (E seal), sealed flange, shrink boot adapter |
| CLO7 | DT | Reduced diameter seals (E seal), welded flange, end cap, disabled latch |
| CL08 | DT | Reduced diameter seals (E seal), sealed flange, end cap, black |
| CL15 | DT | Reduced diameter seals (E seal), welded flange, black |
| CL20 | HDP20 | Plug with diagnostic keying |
| CL22 | HDP20 | Receptacle with diagnostic keying |


| CG |  |  |
| :---: | :---: | :--- |
| CGO1 | DRC | 5 mm threaded insert with silver plating, molded-in contacts, outside <br> rows gold |
| CP | DT | All cavities plugged, enhanced seal retention (PO12), end cap |
| CPO1 |  |  |
| E | DT, DTHD, <br> E003 <br> ETM, DTP | End cap |
| E004 | DT, DTM, <br> DTP, HD1O | Black |

## DEUTSCH MODIFICATION LIST

| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :---: |
| E007 | DTM | Shrink boot adapter |
| E008 | DT | Shrink boot adapter |
| E009 | DRC | 24 way and 40 way receptacle, B keys, housing is gray, flange is black |
| E016 | EEC | Standard EEC box, molded-in transparent PEI material |
| E019 | AEC | Backshell adapter |
| EE |  |  |
| EE01 | DT | Shrink boot adapter, black |
| EEO3 | DTM | Shrink boot adapter, black |
| EE04 | DTM | High temp, black |
| EEO5 | DT | High temp, enhanced seal retention (PO12) on plug, end cap, black |
| EF |  |  |
| EFO1 | DT | Fluorosilicone front seals, end cap |
| EFO2 | DT | Fluorosilicone front seals, latch guard end cap |
| EK |  |  |
| EKO2 | DT | Plug, 18 cavity DT with 18 size 16 contacts, enhanced seal retention (P012), end cap, "A" key is gray, "B" key is black, " $C$ " key is green, " $D$ " key is brown |
| EP |  |  |
| EPO4 | DT | End cap (same as EOO3 mod) |
| EP05 | DT | Latch guard end cap |
| EPO6 | DT | Plug with enhanced seal retention (PO12), end cap |
| EP07 | DT | Plug with enhanced seal retention (PO12), black |
| EP08 | DT | Plug with enhanced seal retention (PO12), end cap, black |
| EP09 | DT | Plug with enhanced seal retention (P012), latch guard end cap, black |
| EP10 | DT, DTM | 120 ohm terminating resistor (J1939), black |
| EP11 | DT | Plug with enhanced seal retention (PO12), shrink boot adapter, black |
| EP12 | DT | Bussed receptacle, 4 and 6 way only, 1 buss, black, gold plated pins |
| EP13 | DT | Bussed receptacle, 4 and 6 way only, 1 buss, black, nickel plated pins |
| EP14 | DT | Bussed receptacle, 6 way, 2 busses, black, nickel plated pins |

## DEUTSCH MODIFICATION LIST

| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :---: |
| EP2O | DT | Plug with enhanced seal retention (PO12), shrink boot adapter |
| F |  |  |
| F001 | HDN | Inserts within connector made of PEI |
| G |  |  |
| G001 | DRC | Gold plated pins |
| G002 | DRC | Outside rows of pins are gold plated and rest are tin plated |
| G003 | DT13/15, DTM13/15 | Gold plated pins |
| G004 | DRC | Interface side pins are nickel plated, PCB side pins are tin plated |
| G005 | DRCP | Tin plated signal pins, tin plated power pins |
| GC |  |  |
| GCO3 | DRCP | Gold plated signal pins, depopulated power pins |
| GCO5 | DRCP | Tin plated signal pins, depopulated power pins |
| GR |  |  |
| GRO1 | DTM13 (EEC headers) | Snap-in DTM PCB mounted header for DTM EEC enclosure, 12 and 24 pins, gold plated pins |
| H |  |  |
| H001 | HD30 | Plated with yellow chromate conversion |
| HL |  |  |
| HLO1 | HD30 | Dust cap plated with yellow chromate conversion, sash chain with eyelet for \#10 screw |
| HLO2 | HD30 | Adapter for cable clamp (-072) plated with yellow chromate conversion |
| J |  |  |
| J001 | HD30 | Reverse cavity marking identification on grommet |
| J059 | HD30 | Reverse cavity marking identification on grommet, cable clamp (-059) |


| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :---: |
| K |  |  |
| K001 | AEC | Molded-in shell marking, remove blue stripe, end cap |
| K003 | DT16 | Plug, 15 cavity DT with two size 12 contacts and 13 size 16 contacts, enhanced seal retention (P012), end cap, black |
| K004 | DT16 | Plug, 18 cavity DT with 18 size 16 contacts, enhanced seal retention (PO12), end cap, black |
| KP |  |  |
| KPO1 | DT16 | Plug, six cavity DT with six size 16 contacts, enhanced seal retention (PO12), end cap, green |
| L |  |  |
| L001 | HD30 | Same as -059 (cable clamp) |
| L003 | HD30 | Cable clamp adapter (-072) |
| L005 | HD30 | Cable clamp adapter (-072) without drain holes |
| L006 | HD30 | -O59 modification using adapter without drain holes |
| L009 | DTHD | Sealed flange, inside mount |
| LO11 | DRC | Wire router |
| LO12 | DT, DTP, DTM | Welded flange |
| L013 | DTHD | Sealed flange, outside mount |
| L015 | HDP2O | Threaded adapter for backshell strain relief |
| L017 | HDP2O | Ring adapter for backshell strain relief |
| L018 | DRB | Wire router |
| LO20 | HD30 | Removes \#10 eyelet from the dust cap chain |
| LO24 | HDP2O | Wide threaded adapter for backshell strain relief |
| LO72 | HD30 | Adapter ring |
| LC |  |  |
| LCO1 | DT | Reduced diameter seals (E seal), enhanced seal retention (PO12), black, DIN backshell adapter |
| LE |  |  |
| LEO1 | DT | Sealed flange, inside mount, gasket, end cap |
| LEO3 | DT | Sealed flange, outside mount, o-ring sold separately, end cap, NOTE: DT04-08PA-LE03 comes with shrink boot adapter and o-ring on flange |

## DEUTSCH MODIFICATION LIST

| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :---: |
| LEO5 | DT | Sealed flange, inside mount, gasket, end cap |
| LE06 | DT | Sealed flange, inside mount, reduced diameter seals (E seal), end cap |
| LE07 | DT, DTP | Welded flange, end cap |
| LE08 | DT | Welded flange, shrink boot adapter, gray |
| LE09 | DT | Sealed flange, o-ring, end cap, black |
| LE10 | DT | Sealed flange, inside mount, gasket, end cap, black |
| LE11 | DT | Welded flange, end cap, black |
| LE12 | DT | Welded flange, shrink boot adapter, black |
| LE13 | DT | Special adapter, round housing, end cap |
| LE14 | DT | Welded flange, black |
| LE17 | DT | Receptacle with extended shell and enhanced keys (B016), sealed flange, gasket sold separately, end cap, black |
| LE21 | DT | Receptacle with extended shell and enhanced keys (B016), sealed flange, reduced diameter seals (E seal), end cap, one piece connector design, threaded stainless steel flange inserts |


| N |  |  |
| :---: | :---: | :---: |
| NOO5 | HD10 | Receptacle with molded-in PCB pins, modified shell |
| NOO6 | DT | Receptacle with $90^{\circ}$ molded-in contacts |
| N012 | DRC | Receptacle, one piece connector design |
| P |  |  |
| P005 | AEC | Special oversized seal on AEC Series plugs and dust caps |
| P006 | DT, DTM | 120 ohm terminating resistor (J1939) |
| P007 | DT, DTM | Receptacle "Y" connector (J1939) |
| P012 | DT | Plug with enhanced seal retention, 2-6 way are black, 8 and 12 way "A" key is gray, "B" key is black, "C" key is green, "D" key is brown |
| P013 | DRC | Plug with bonded front seal, silicone adhesive |
| P016 | DT | Bussed receptacle, 12 way, gold plated contacts |
| P017 | DRC | Stainless steel retention clip for jackscrew |
| P018 | DTP | Receptacle with 12 AWG wires attached |
| P019 | DRC | Zinc chromate retention clip for jackscrew |
| P021 | DT | Bussed receptacle, 6, 8, and 12 way, one buss, nickel plated pins |
| P026 | DT | Bussed receptacle, 8 and 12 way, two busses, nickel plated pins |
| P027 | DT | Bussed receptacle, 12 way, two busses, gold plated pins |


| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :---: |
| PO28 | DT | Bussed receptacle, 8 way, two busses, nickel plated pins |
| PO30 | DT | Bussed receptacle, 12 way, four busses, nickel plated pins |
| P031 | DT | Bussed receptacle, 12 way, four busses, gold plated pins |
| PO32 | DT | Integrated shrink boot adapter (J1939), black |
| P060 | DT | Bussed receptacle, 2 way, one buss, nickel plated pins |
| P064 | $\begin{aligned} & \text { HD30, } \\ & \text { HDP2O } \end{aligned}$ | 24-91 arrangement without internal jumper |
| P075 | DT | Bussed receptacle, 12 way, three busses, nickel plated pins |
| P080 | HD10 | J1939 Type II, green |
| PE |  |  |
| PEO1 | DT | Latch guard, 120 ohm terminating resistor (J1939) |
| PP |  |  |
| PP01 | DT | Plug with enhanced seal retention (PO12), 120 ohm terminating resistor (J1939), end cap, black |
| R |  |  |
| ROO4 | DTM13 | Custom enclosure header, $90^{\circ}$ pins |
| ROO5 | DTM13 | Custom flange, $90^{\circ}$ pins |
| R008 | DTM13 (EEC headers) | Snap-in DTM PCB mounted header for DTM EEC enclosure, 12 and 24 pins |
| RO15 | DT13 <br> (EEC headers) | Snap-in DT PCB mounted header for DT EEC enclosure, 12, 24, 36, and 48 pins |
| RT |  |  |
| RT01 | DT | Receptacle with MUR 460 diode |
| RTO2 | DT | Receptacle with 1N5625GP diode |
| RTO3 | DT | Receptacle with MUR 460 diode, 4 way available |
| RT06 | DT | Receptacle with Phillips T.V.S diode 1.5KE130CA, green |
| RT25 | DT | Receptacle with 27k ohm resistor, black |

## DEUTSCH MODIFICATION LIST

| MOD \# | SERIES | DESCRIPTION |
| :---: | :---: | :--- |
| \#'s |  |  |
| 059 | HD30 | Addition of threaded adapter and cable clamp assembly |
| 072 | HD30 | Addition of threaded adapter |
| 1E | HD30 | Removes rivet and chain from protective dust cap |


| TERM | DEFINITION |
| :--- | :--- |
| A |  |
| Adapter | Device attached to a connector to allow connection to a second device that it would not otherwise be able to attach. |
| Applicator | Tooling used in automatic machines to crimp stamped and formed contacts. |
| AWG | American wire gauge. Standardized system of wire diameter measurement. Commonly referred to as wire gauge. (Reference: National |

## B

| Backshell | A secondary attachment for the rear of a connector to provide strain relief, environmental protection, and/or improved aesthetics. |
| :--- | :--- |
| Blocked Cavities | Unused holes or contact positions in a connector which have been filled with sealing plugs or made inaccessible by modification to the <br> rear grommet. |
| Breakaway | Connector with a slotted coupling ring. Coupling ring is intended to fragment and allow connectors to separate without damage to the <br> implement in the event of an unintended pull-away. |
| Boot | Attachment for the back of a connector. Boots are typically flexible, made from plastic or plastisol, and may provide wire strain relief, <br> environmental protection, and/or improved aesthetics. |
| Bulkhead | Dividing wall or partition. Bulkhead connectors are designed to be mounted to a dividing wall through a cutout. |
| Buss | A thin conductive strip connecting multiple contacts within the body of a connector. Used to distribute electrical current to the branches <br> of a circuit. |


| C | An attachment to provide support and strain relief to the wire bundle where it exits the connector. |
| :--- | :--- |
| Cable Clamp | One half of a mated pair of connectors. AMPSEAL 16 pin housings mate with a receptacle contact housing (plug) and house pin contacts. |
| Cap (Pin Housing) | Hole in the connector grommet and housing, into which the contact must fit. |
| Cavity | Secondary backshell assembly. Threads onto rear of backshell to compact the wire bundle and provide additional support. |
| Compression Nut | Conductive device crimped or soldered onto the end of conductor wire to allow the transfer of electricity or data to a second conductor. <br> Contacts are most frequently used in multiples in connectors. Also commonly referred to as terminals, pins and/or sockets. |
| Contact | The maximum recommended amperage to be passed through a wire terminal. |
| Contact Rating | Attached cylindrical ring used to lock mated connectors together. |
| Coupling Ring | The physical compression of a contact barrel around a conductor to make an electrical connection. |
| Crimp | The part of a crimping tool that physically compresses the contact barrel and shapes the crimp. |
| Crimping Die |  |


| D |  |
| :--- | :--- |
| Diode | Electronic component that allows electrical flow in one direction only. |
| Dust Cover | Cap used to protect and conceal the interface of an unmated connector. |

GLOSSARY

| TERM | DEFINITION |
| :--- | :--- |
| E | A protective cover integral to, or sonically welded onto the rear of a connector. |
| End Cap | Additional keying or polarization to help prevent mis-mating. |
| Enhanced Keying | Modification to the plug, front seal, and wedgelock to help prevent the seal from separating from the connector during unmating. |
| Enhanced Seal <br> Retention | Reduced diameter insert cavity in the rear grommet. Creates a proper seal with smaller than standard wire or insulation. Also referred to <br> as extra thin or European seal. " $E$ " seals are smaller than " $N$ " and " $T$ " seals. |
| "E" Seal |  |

F

| Flange | A flat, perpendicular extension of the connector body. Flanges are used for mounting and are typically found on receptacles. |
| :--- | :--- |
| Flange Seal | Elastomeric silicone seal used between flange and mounting surface to prevent leakage around the mounting cutout. |
| Front Seal | Elastomeric silicone seal or o-ring on the mating face of a connector. The front seal is also referred to as an interfacial seal and is usually <br> found on the plug. |

G

Grommet | Rubber or elastomeric seal. On connectors the grommet is on the rear or cable end of the connector and has the cavities through which |
| :--- |
| the contact is inserted into the connector body. |

H
Header Flanged connector designed for wire to printed circuit board applications.

| I |  |
| :--- | :--- |
| In-line | Connectors that are not intended for use in mounted or PCB applications. |
| Interface | Waterproof form, typically made of silicone elastomer, that is inside the body of the connector. Provides moisture and fluid resistance <br> when connectors are properly mated. |
| Internal Seal |  |

K

## Key

Keying Pin

Unique pattern of corresponding notches and projections on a set of mating connectors. The projections are intended to match the notches and prevent mis-mating.
Solid plastic rod designed to be inserted into an empty socket cavity to help prevent mis-mating.

| TERM | DEFINITION |
| :---: | :---: |
| L |  |
| Locator | A device in a crimp tool to help provide proper contact position during crimping. |
| Lockwasher | Thin metal ring used between the panel nut and mounting surface to create spring force to provide a tight fitting mount. |
| M |  |
| Mounting Clip | A plastic or metal piece that attaches to a non-flanged connector to allow surface mounting. |
| N |  |
| "N" Seal | Normal wire seal diameter. |
| 0 |  |
| O-Ring | Circular seal found around the inside diameter of a receptacle: typically made from elastomeric or silicone material. Provides an environmental seal. |

P

| Panel Nut | A hexagonal threaded plastic or metal ring. Along with a lockwasher, a panel nut is used for mounting. |
| :---: | :---: |
| Partial Strip | A quantity less than a standard full reel of stamped \& formed contacts. |
| PCB Mount | Connectors designed for wire to printed circuit board applications. |
| Pin | Wire termination with solid mating end. Provides connection by insertion into a female or socket contact. Also referred to as male contact. |
| Plug | One half of a mated pair of connectors. Plugs typically have the locking mechanism for the mated pair, usually house the sockets, and mate with a receptacle. |
| Primary Latch Reinforcement (PLR) | Locking mechanism that snaps into place on the mating face of a connector after the connector is populated. A PLR holds contacts in correct alignment for mating and prevents them from being removed. |


| R |  |
| :--- | :--- |
| Receptacle | One half of a mated pair of connectors. Receptacles mate with a plug and usually house pins. |
| Receptacle (contact) | Wire termination with hollow mating end into which the pin or male terminal is inserted. Also referred to as a female contact. |
| Reduced Diameter Seal | Smaller than standard holes in the connector grommet. |
| Removal Tool | Device to disengage contacts from connector body. |
| Retaining Bolt | Screw used to draw and hold mating connectors together. |
| Retaining Sleeve | Lining sheath that fits into receptacle body to maintain internal seal and provide keying. |
| Reverse Arrangement | Non-standard cavity/contact assignment (eg. Plug connectors that require pin contacts, and receptacles that require socket contacts). |

GLOSSARY

| TERM | DEFINITION |
| :--- | :--- |
| Ring Adapter | Cylindrical rim or collar attached to the rear of a connector to allow the attachment of backshells or strain relief. |
| S | A flange that is molded or tooled as an integral part of the connector body to help prevent leakage at the mounting site. |
| Sealed Flange | A non-conductive dummy pin inserted to fill an open cavity in a connector. Sealing plugs are required to maintain the integrity of the <br> environmental seal. |
| Sealing Plug | Application of a thin coating of a finish metal to specific parts of a contact, but not to others. If selective plating is used, plating is <br> typically applied to the mating surface to provide better conductivity and reduce wear and corrosion. |
| Selective Plating | Thermoplastic rear adapter designed to provide a lip for heat shrink to form around to attach it securely to a connector. |
| Shrink Boot Adapter | Wire termination with hollow mating end into which the pin or male terminal is inserted. Also referred to as a female contact. |
| Socket | Closed barrel terminal manufactured using a cold heading process. |
| Solid Contact | Open barrel terminal manufactured using a precision stamping process. |
| Stamped \& Formed <br> Contact | Hard plastic or metal device that attaches to the rear of a connector to provide wire support. |
| Strain Relief |  |


| T |  |
| :---: | :---: |
| "T" Seal | Reduced diameter insert cavity in the rear grommet. Also referred to as thin seal, a " T " seal allows for the use of smaller wire or thinner insulation diameter. A " $T$ " seal is larger than an " $E$ " seal and smaller than an " $N$ " seal. |
| Terminal Position Assurance (TPA) | A secondary locking mechanism. Snapped into place on the mating face of a connector after the connector is populated, a TPA holds contacts in correct alignment for mating and prevents them from being removed. |
| Terminating Resistor | A connector that includes a device to create electrical resistance. Commonly used on J1939 applications to end the main trunk line or bus network. |
| Threaded Adapter | A cylindrical device with screw threads attached to rear of connector to allow the attachment of a threaded backshell or strain relief. |
| Threaded Rear | Screw threads at the non-mating end of a connector to allow the attachment of a threaded backshell or strain relief. |
| W |  |
| Wedgelock | A device inserted into or onto the mating face of a connector to position and hold contacts in correct alignment. |
| Wire Router | Protective device attached to the rear of connector to provide wire bundle strain relief. |

## NOTES:

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