



enetSEAL+ | DEUTSCH Common Contact

TE Internal #: 1062-20-0144

DEUTSCH Common Contact, Automotive Terminals, Socket, Pin Diameter 1.02 mm [.04 in], Terminal Transmits 0 – 24 A (Low Power), 22 – 16AWG Wire Size

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > DEUTSCH STAMPED & FORMED CONTACTS



Terminal & Splice Type: **Socket**

Mating Pin Diameter: **1.02 mm [.04 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.35 – 1.5 mm<sup>2</sup>**

[All DEUTSCH STAMPED & FORMED CONTACTS \(51\)](#)

## Features

### Product Type Features

|                               |                 |
|-------------------------------|-----------------|
| Sealable                      | No              |
| Primary Locking Feature       | On the Terminal |
| Automotive Terminal Wire Type | Copper          |

### Body Features

|                               |                         |
|-------------------------------|-------------------------|
| Automotive Terminal Seal Type | Family Seal or Unsealed |
|-------------------------------|-------------------------|

### Contact Features

|   |                  |
|---|------------------|
| Typical Current Rating                    | 7.5 A            |
| Crimp Type                                | F-Crimp          |
| Terminal & Splice Type                    | Socket           |
| Mating Pin Diameter                       | 1.02 mm [.04 in] |
| Automotive Terminal Interface Plating     | Gold (Au)        |
| Contact Termination Area Plating Material | Tin (Sn)         |

### Termination Features



|  |         |
|--|---------|
| Automotive Terminal Termination Method | F-Crimp |
|--|---------|

### Dimensions

|                          |   |
|--------------------------|---|
| Wire Size                | .35 – 1.5 mm <sup>2</sup>   |
| Wire Size Search         | .35 mm <sup>2</sup> , .5 mm <sup>2</sup> , .6 mm <sup>2</sup> , .75 mm <sup>2</sup> , 1 mm <sup>2</sup> , 1.5 mm <sup>2</sup> |
| Wire Insulation Diameter | 1.91 – 3.18 mm [.075 – .125 in]   |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature (Max) | 150 °C [302 °F]             |
| Operating Temperature Range | -55 – 150 °C [-67 – 302 °F] |

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Reel |
| Packaging Quantity | 4000 |

### Other

|                            |                      |
|----------------------------|----------------------|
| Customer Preferred Contact | Yes                  |
| Terminal Transmits         | 0 – 24 A (Low Power) |

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUN 2020 (209)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not reviewed for solder process capability  |

#### Product Compliance Disclaimer


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous

materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Model / Part # CAT-H3930-CH8172  
DEUTSCH HD30 HOUSINGS



TE Model / Part # CAT-ST858-CH8172  
DEUTSCH STRIKE HOUSINGS




TE Model / Part # CAT-H396-CH8172  
DEUTSCH HDP20 HOUSINGS




TE Model / Part # CAT-D799-CH8172  
DEUTSCH DRC HOUSINGS



TE Model / Part # CAT-D485-CH8172  
DEUTSCH DTM HOUSINGS



TE Model / Part # CAT-D781-CH8172  
DEUTSCH DRB HOUSINGS



TE Model / Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Model / Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part # DTT-20-00  
CRIMP TOOL



TE Model / Part # DRCP28-86SA  
PLG, 86P, BLK, 12/20, A



TE Model / Part # 2266116-1  
OCEAN\_2.0\_APPLICATOR-S-069F1100



TE Model / Part # 2266116-2  
OCEAN\_2.0\_APPLICATOR-S-069F1100A



TE Model / Part # 2266118-1  
OCEAN\_2.0\_APPLICATOR-S-069F0800



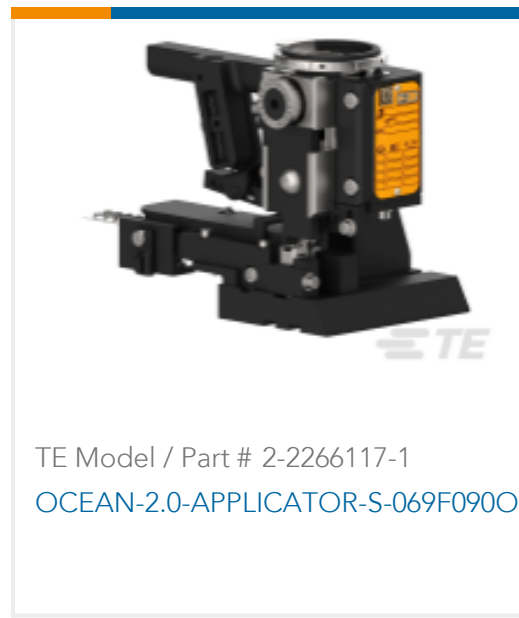
TE Model / Part # 5-2266118-1  
OCEAN\_2.0\_APPLICATOR-S-069F0800



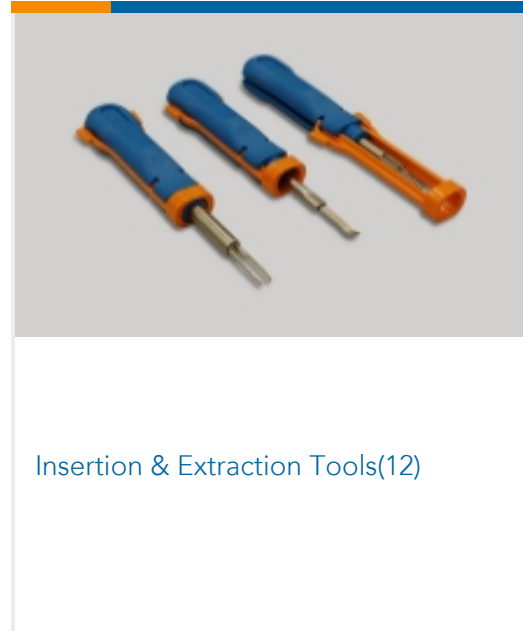
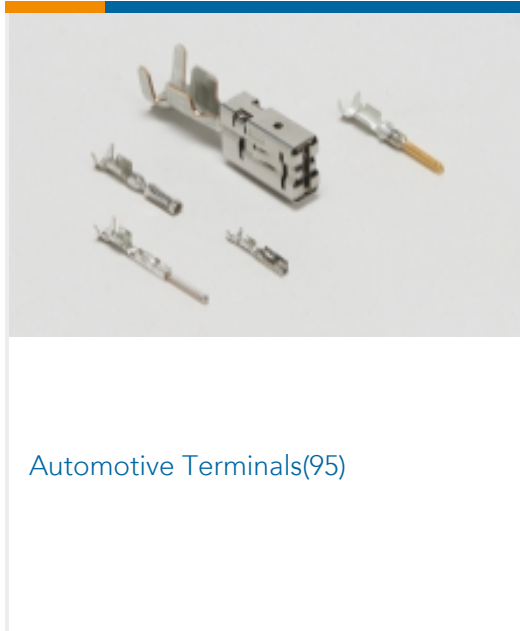
TE Model / Part # DRCP28-86SB  
PLG, 86P, BLK, 12/20, B



TE Model / Part # DRCP26-126SA  
PLG, 126P, BLK, 12/20, A



Also in the Series | **DEUTSCH Common Contact**



Customers Also Bought



Documents

Product Drawings

SOC, SF, SIZE 20, 16-22, AU/SN

English

CAD Files

3D PDF

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0144\\_D.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0144\\_D.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1062-20-0144\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_1062-20-0144\\_01242018735\\_dmtec](#)

English

[MD\\_1062-20-0144\\_01242018735\\_dmtec](#)

English