

1743490-1 ✓ ACTIVE



AMP Signal Double Lock

TE Internal #: 1743490-1

AMP Signal Double Lock, PCB Mount Header, Right Angle, Wire-to-Board, 3 Position, 4.1mm [.161in] Centerline, 1 Row, Tin, Natural Housing Color

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

Number of Positions: **3**

Centerline (Pitch): **4.1 mm [.161 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Retention Within Housing	Without
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright



Contact Mating Area Plating Material Thickness	2 μ m
Contact Type	Pin
Contact Current Rating (Max)	2.5 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
PCB Mount Alignment	With
Mating Retention	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4.1 mm[.161 in]
Housing Color	Natural
Housing Material	6/6 Nylon GF

Dimensions

Connector Length	43.24 mm[1.702 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Loose Piece
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Product Compliance

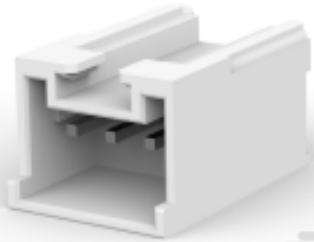
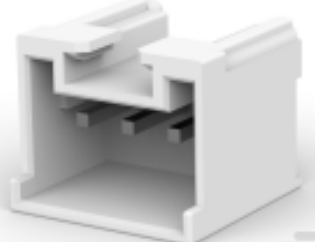
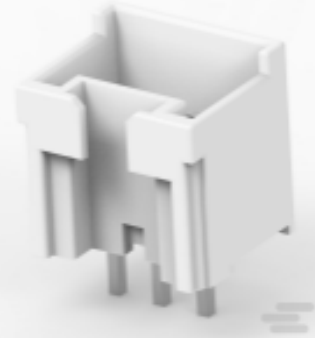
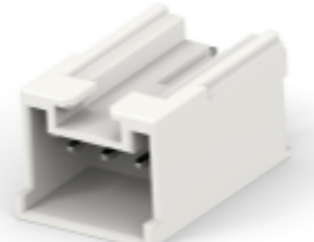
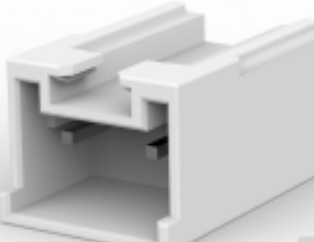

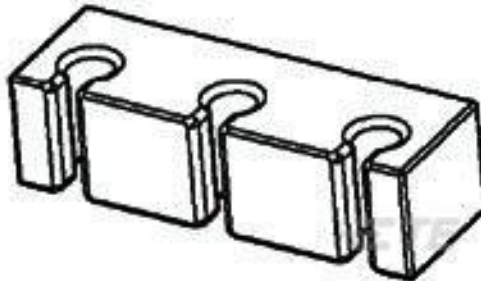
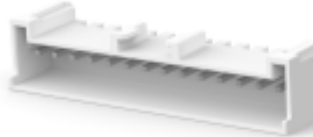
[For compliance documentation, visit the product page on TE.com>](#)

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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

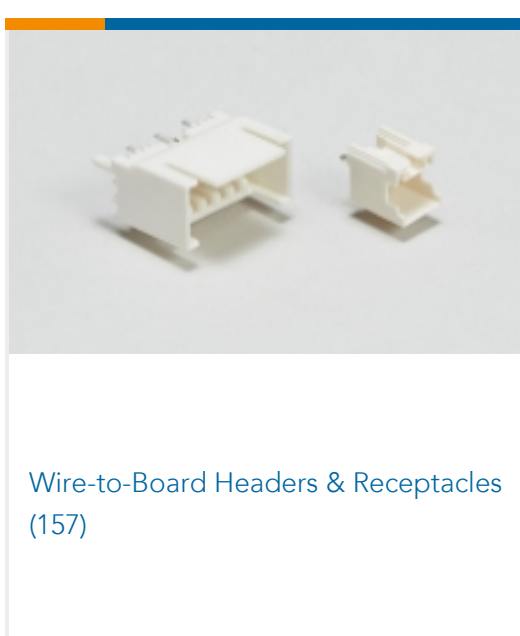
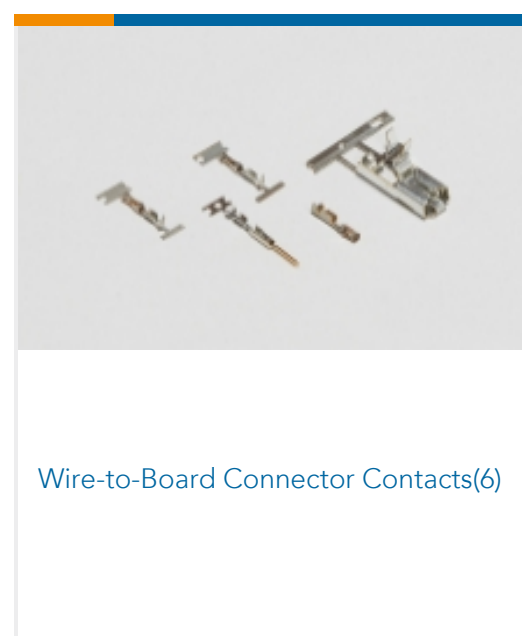
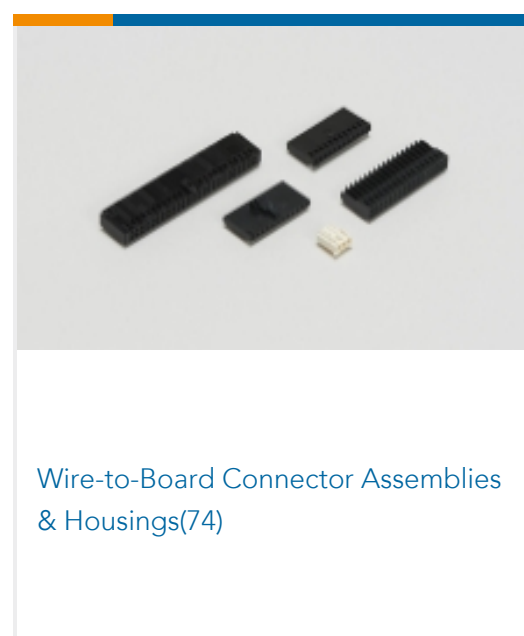
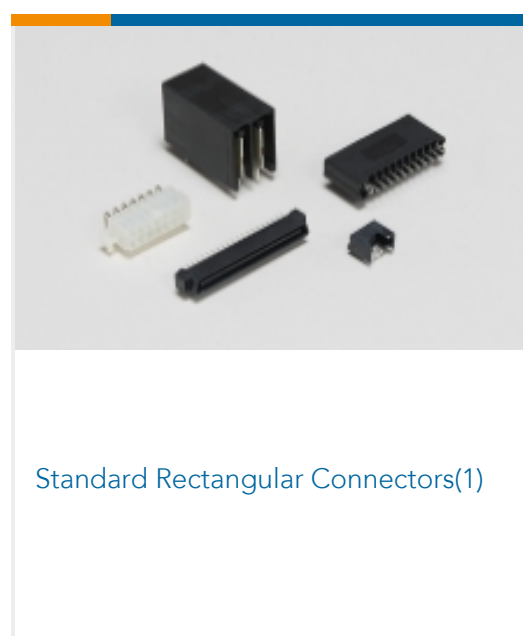
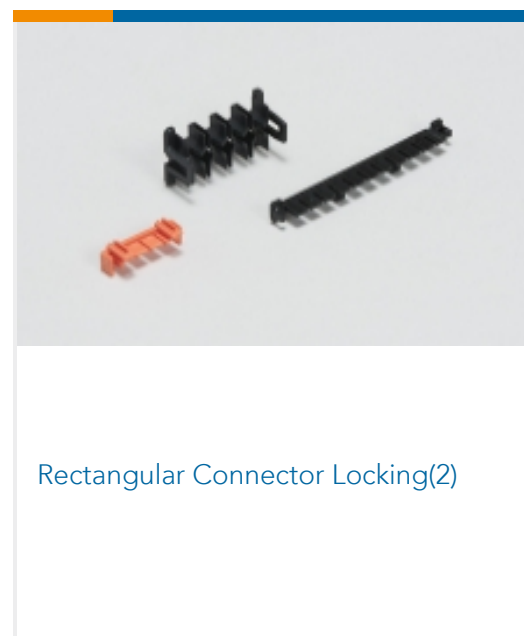
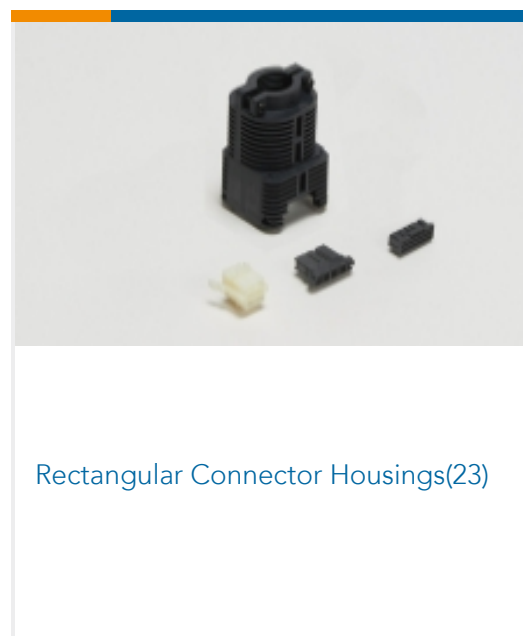
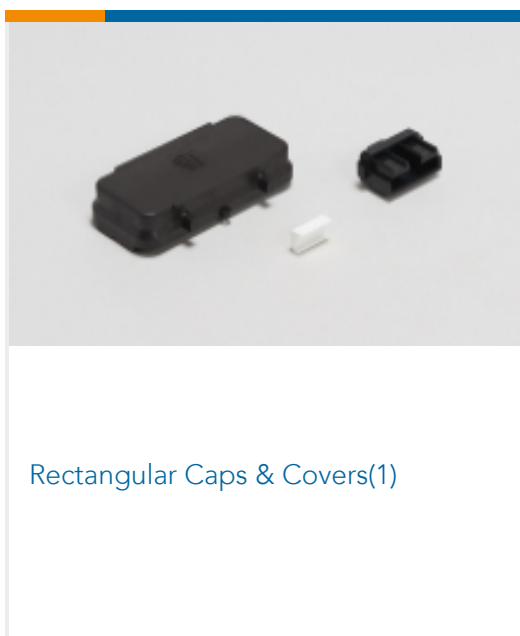
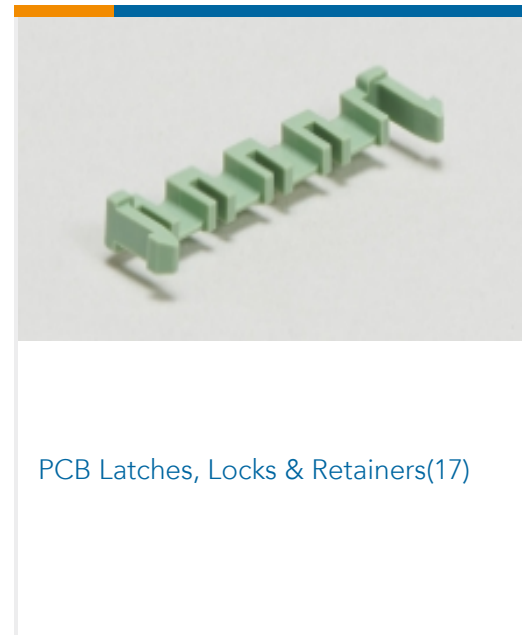
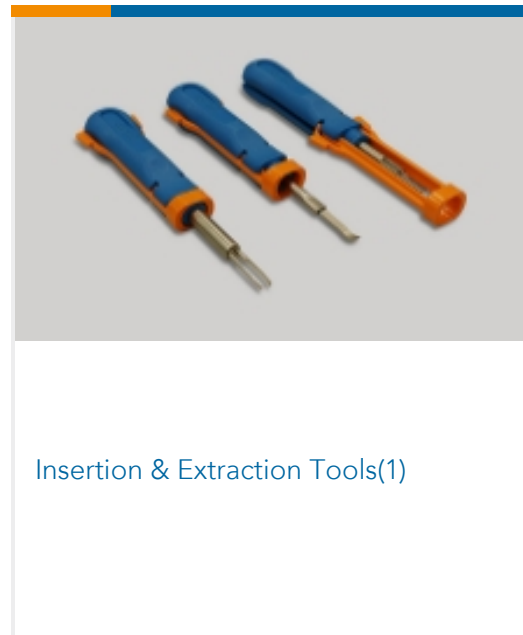
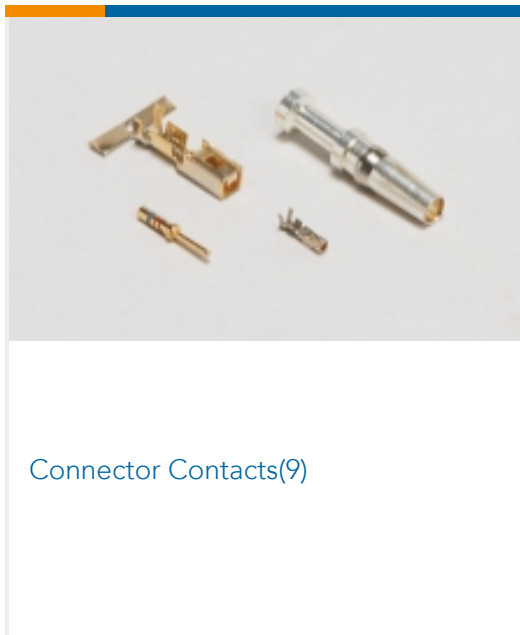
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

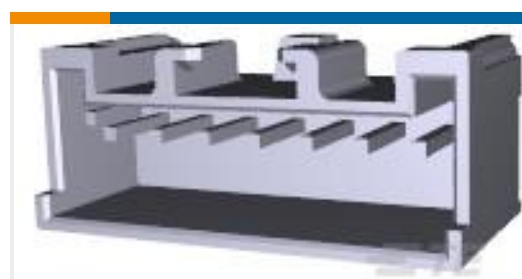
 <p>TE Part # 917723-1 2.5 SIGNAL D/LOCK HDR ASSY 3P</p>	 <p>TE Part # 917781-1 2.5 S.D.L POST/HDR ASY 3P STD</p>	 <p>TE Part # 1-917781-1 2.5MM SDL-LOCT,,3P HDR AS</p>	 <p>TE Part # 2-917723-1 2.5 S.D.L HDR ASSY 3P H-PRO</p>
 <p>TE Part # 1123037-1 2.5 S.D.L HI-PRO HDR ASSY NAT</p>	 <p>TE Part # 1318366-1 2.5 SDL H/P HDR 4/7P ASSY O/T</p>	 <p>TE Part # 1743493-1 REAR SEAL FOR BLOWER MOTOR</p>	 <p>TE Part # 1746062-1 2.5SDL HDR 14P STD ASSY NAT</p>



Also in the Series | AMP Signal Double Lock



Customers Also Bought



TE Part #917785-1
2.5 S.D.L POST HDR ASY 7P STD



TE Part #917782-1
2.5 S.D.L POST HDR ASY 4P STD



TE Part #917783-1
2.5 S.D.L POST HDR ASY 5P STD



TE Part #917788-1
2.5 S.D.L POST HDR ASY 10P STD



TE Part #177899-6
POWER DBL LOCK PLUG HSG 3P



TE Part #917791-1
2.5 S.D.L POST HDR ASY 13P STD



TE Part #1746062-1
2.5SDL HDR 14P STD ASSY NAT



TE Part #1743419-1
POSITIVE LOCK .250 HOUSING RECEPTACLE



TE Part #1743457-1
PL 250 REC 18-14 AWG 0.4 X 19.0 PTBR

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1743490-1_C_c-1743490-1-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1743490-1_C_c-1743490-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1743490-1_C_c-1743490-1-c.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Conditions of 2.5mm Signal Double Lock Contacts](#)



English

Product Environmental Compliance

Product Compliance

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Product Compliance

English

Agency Approvals

Agency Approval Document

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