

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

[View on TE.com >](#)

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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



TE Part # 917723-1
2.5 SIGNAL D/LOCK HDR ASSY 3P



TE Part # 917781-1
2.5 S.D.L POST/HDR ASY 3P STD



TE Part # 1-917781-1
2.5MM SDL-LOCT,,3P HDR AS



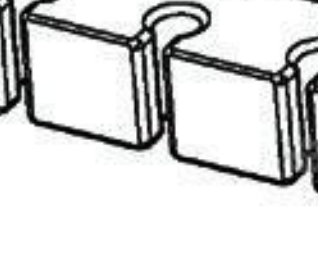
TE Part # 2-917723-1
2.5 S.D.L HDR ASSY 3P H-PRO



TE Part # 1123037-1
2.5 S.D.L HI-PRO HDR ASSY NAT



TE Part # 1318366-1
2.5 SDL H/P HDR 4/7P ASSY O/T



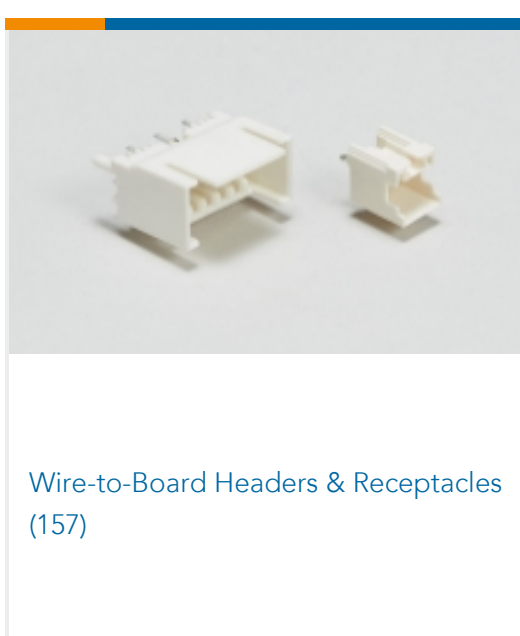
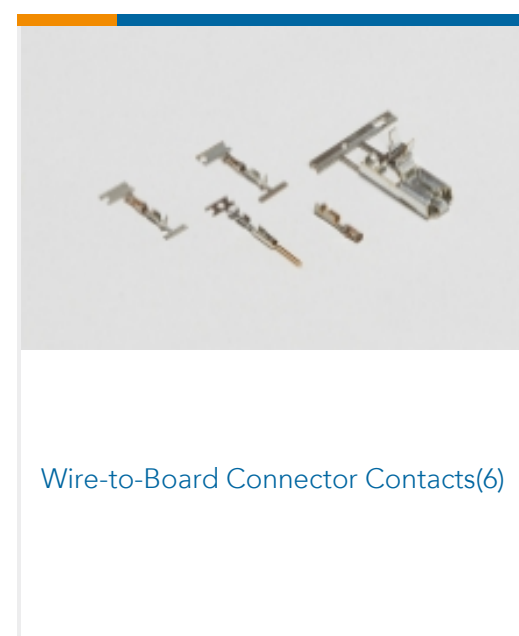
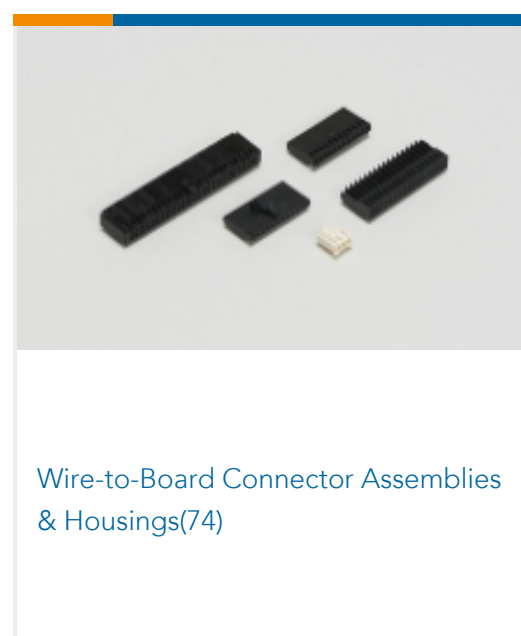
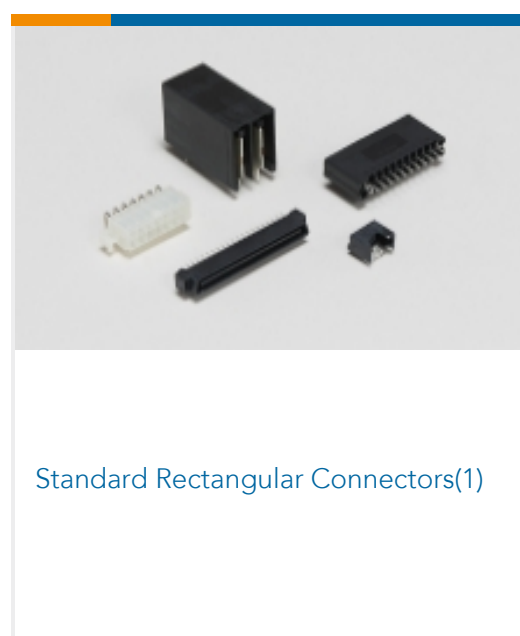
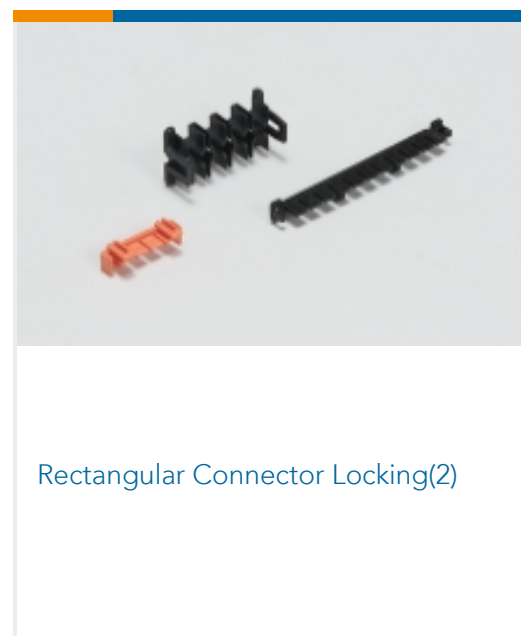
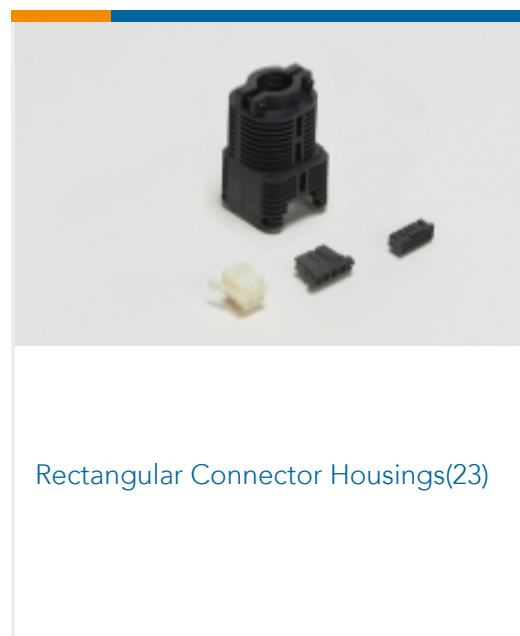
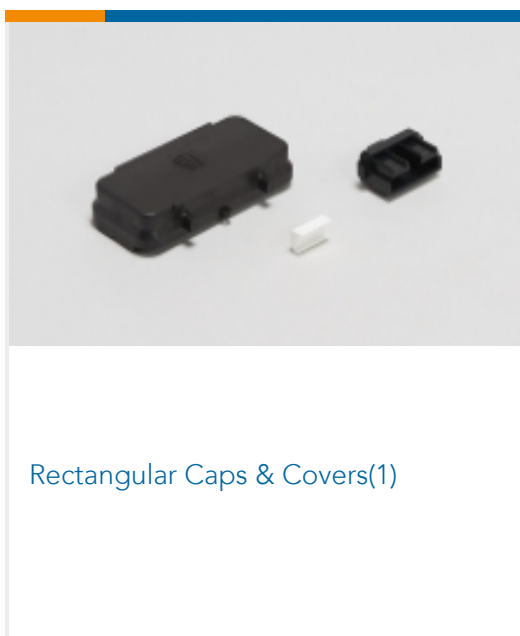
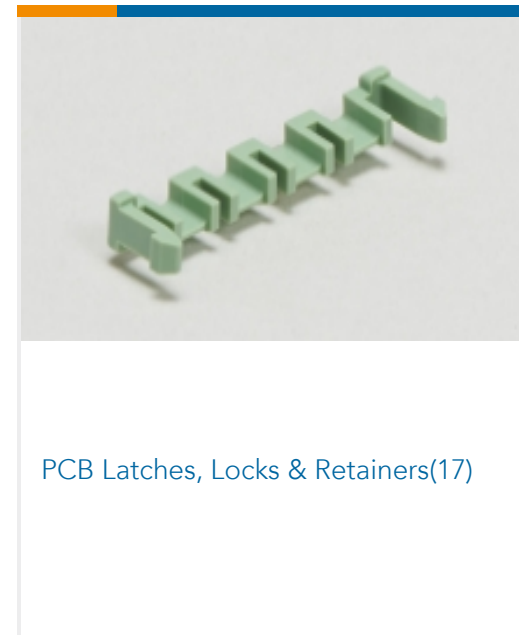
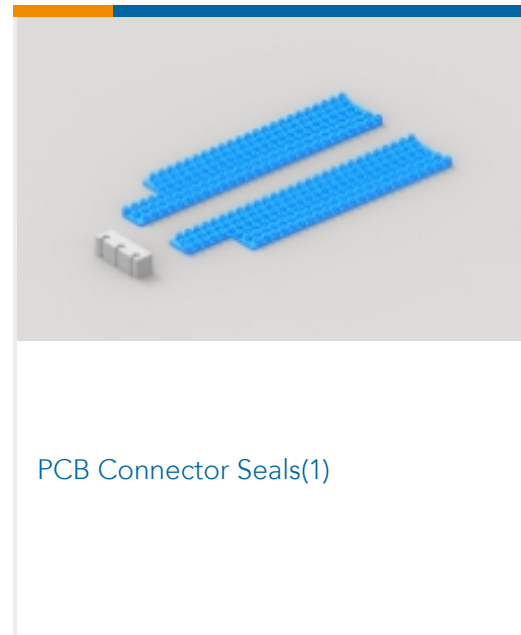
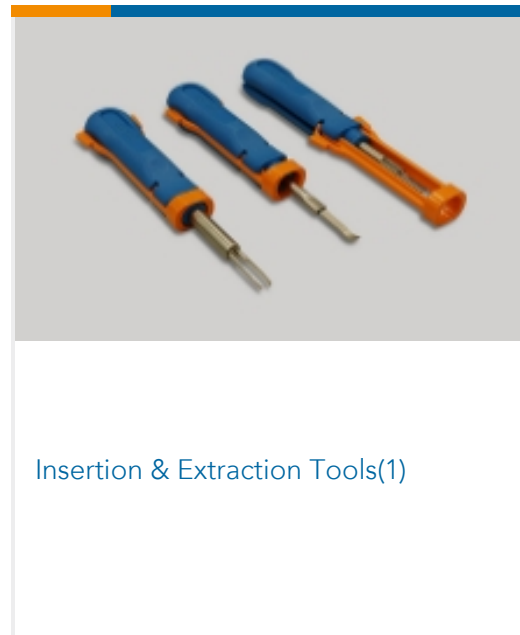
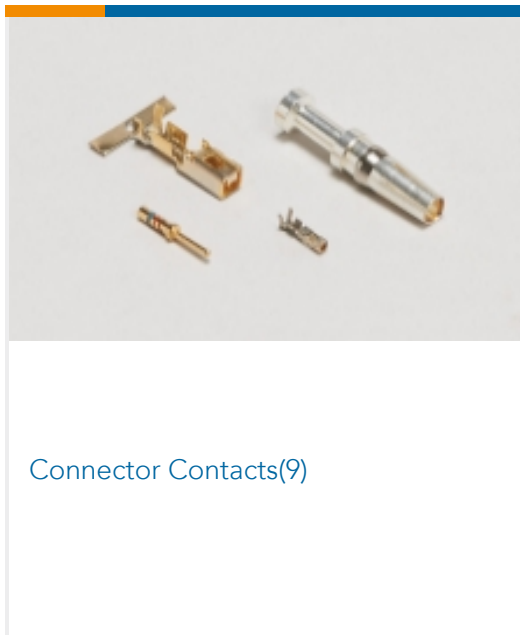
TE Part # 1743493-1
REAR SEAL FOR BLOWER MOTOR



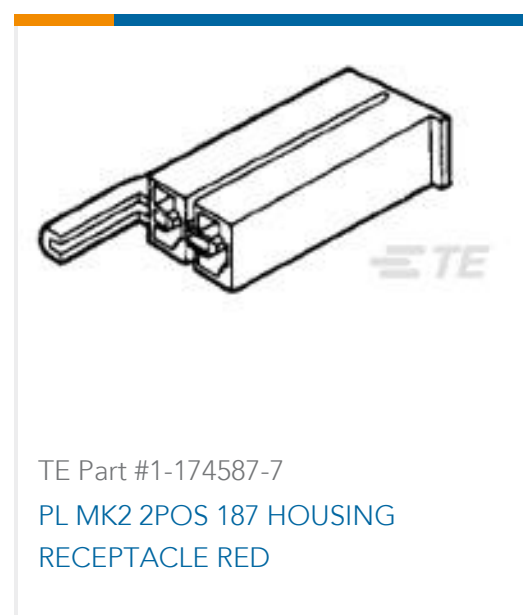
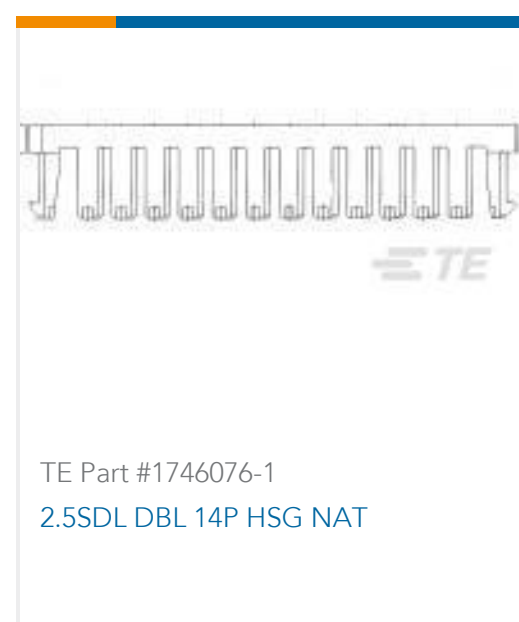
TE Part # 1746062-1
2.5SDL HDR 14P STD ASSY NAT



Also in the Series | AMP Signal Double Lock



Customers Also Bought



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

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

Product Specifications

[Application Specification](#)

English

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



English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

Agency Approval Document

English