

174915-6 ✓ ACTIVE

AMP | Multilock Connector System

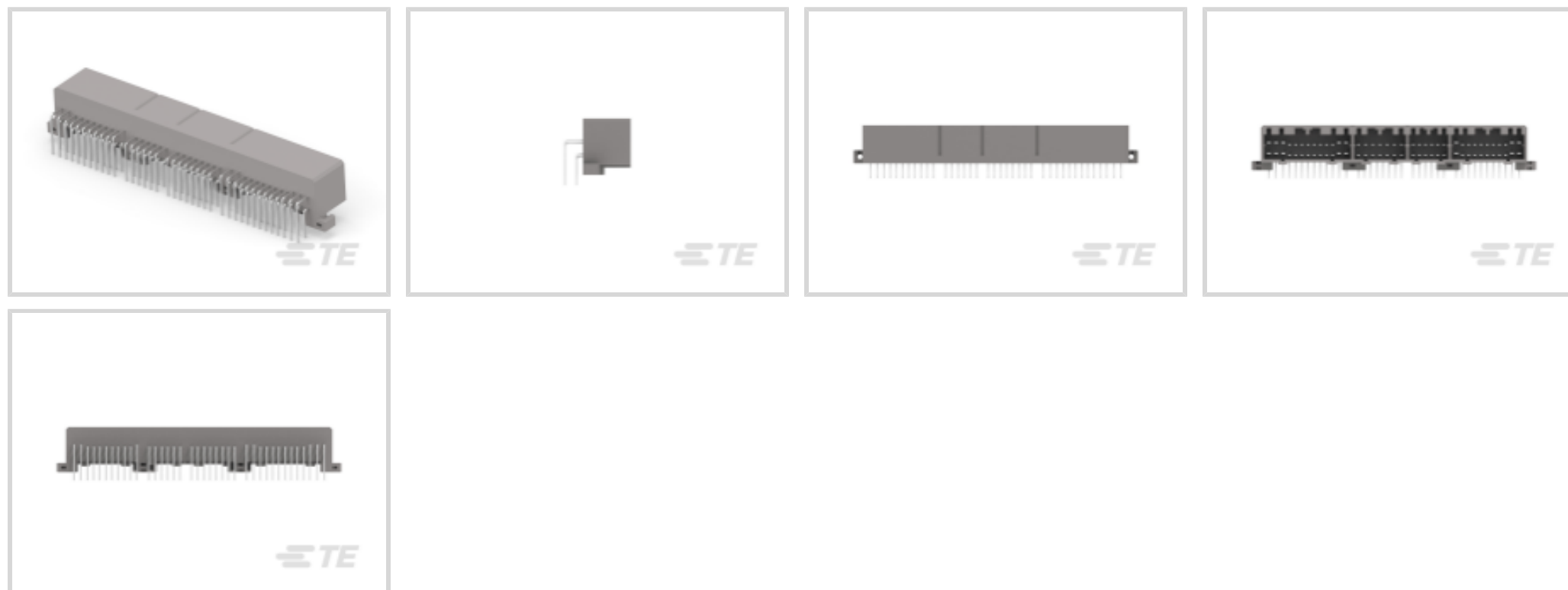
TE Internal #: 174915-6

PCB Mount Header, Horizontal, Wire-to-Board, 76 Position, .118 in / .138 in [3.5 mm / 3 mm] Centerline, Fully Shrouded, Multilock Connector System

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > HIGH PIN COUNT HEADER



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

Number of Positions: **76**

Centerline (Pitch): **3 mm, 3.5 mm [.118 in, .138 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All HIGH PIN COUNT HEADER \(141\)](#)

Features

Product Type Features

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

Configuration Features

Number of Sections	4
Number of Signal Positions	76
Number of Positions	76
PCB Mount Orientation	Horizontal
Number of Rows	2



Body Features

Primary Product Color	Gray
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Contact Features

Contact Size	1.8mm, 1mm
Contact Type	Tab
Mating Tab Width	1 mm, 1.77 mm [.039 in] [.07 in]
Mating Tab Thickness	.64 mm [.025 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	3 mm, 3.5 mm [.118 in] [.138 in]
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Dimensions

Connector Length	129.7 mm [5.1 in]
Connector Width	18.5 mm [.728 in]
Profile Height from PCB	21.9 mm [.862 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [149 °F] [158 °F] [167 °F] [176 °F] [185 °F] [194 °F] [212 °F] [221 °F]
Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]

Operation/Application

Shielded	No
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Circuit Application

Signal

Packaging Features

Packaging Type

Tube

Packaging Quantity

3

Other

Interface Number

917992

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: JUNE 2022 (224)
 Candidate List Declared Against: JUL 2021 (219)
 SVHC > Threshold:
 Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 240°C

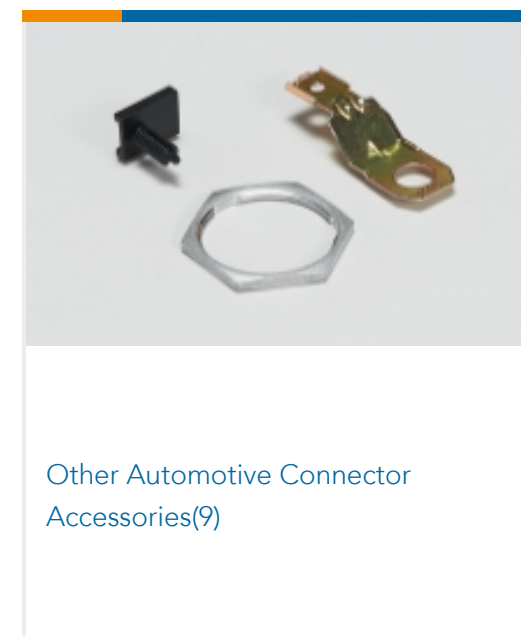
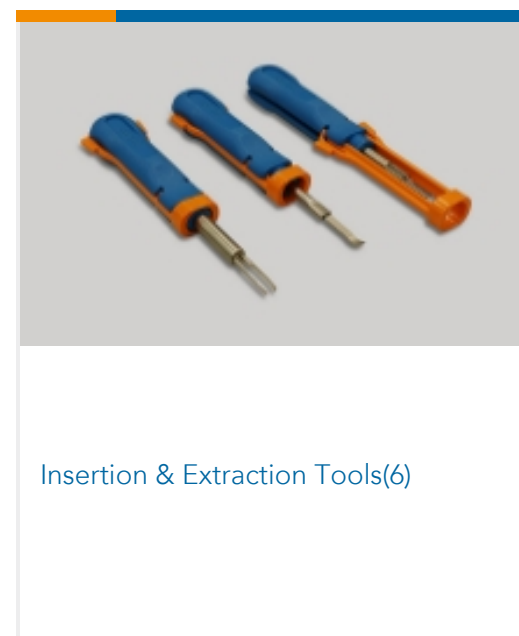
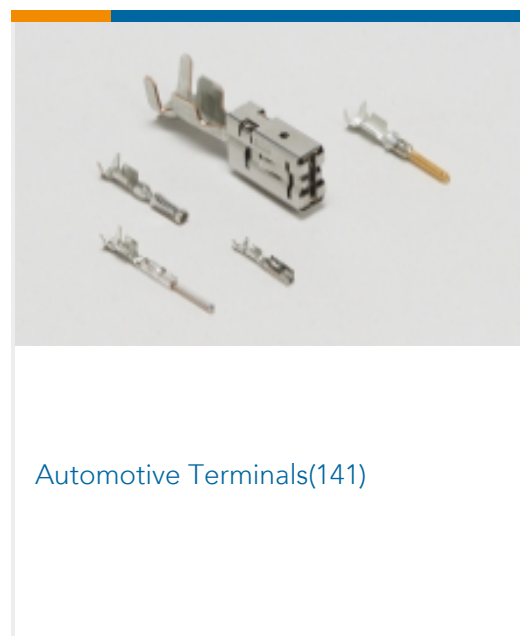
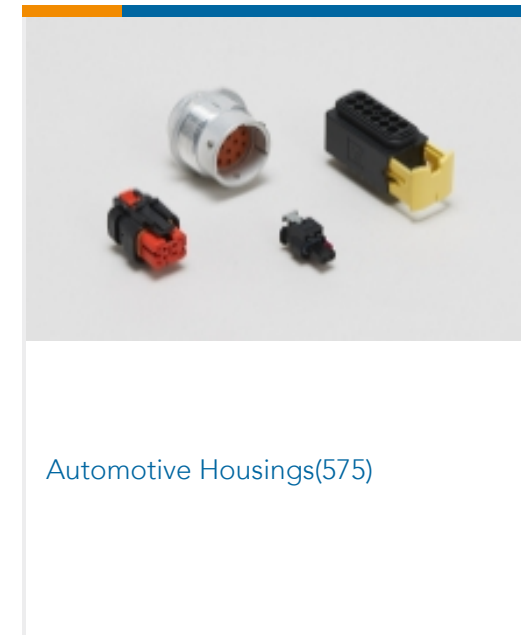
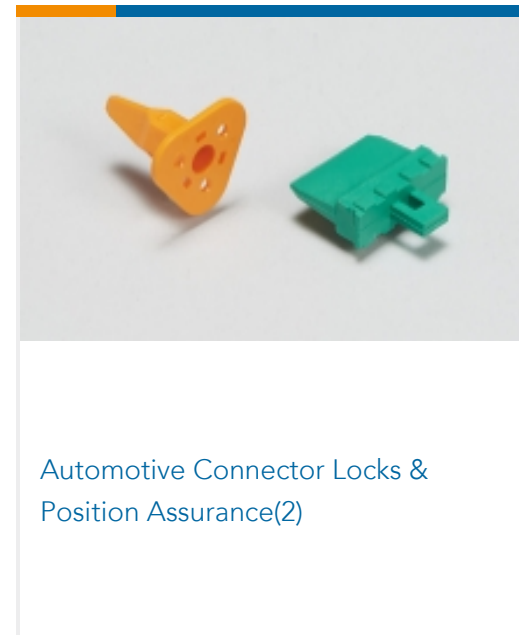
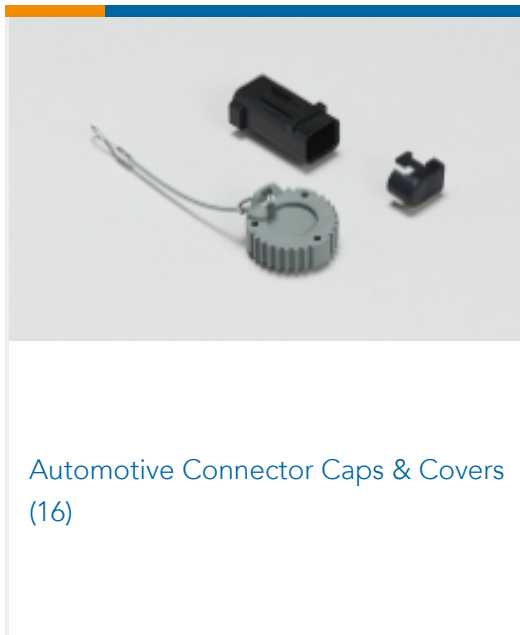
Product Compliance Disclaimer

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

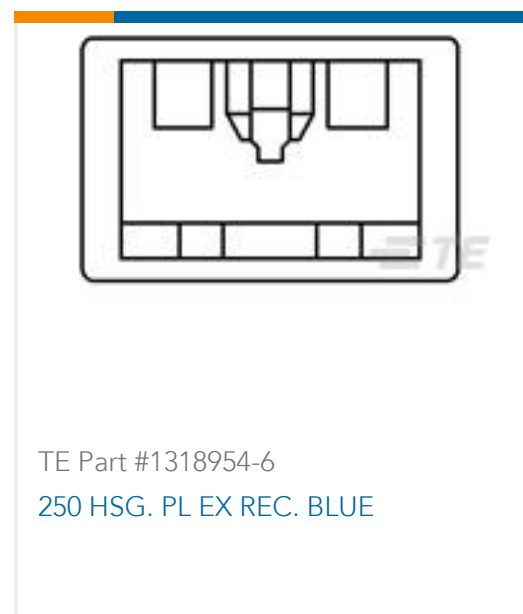
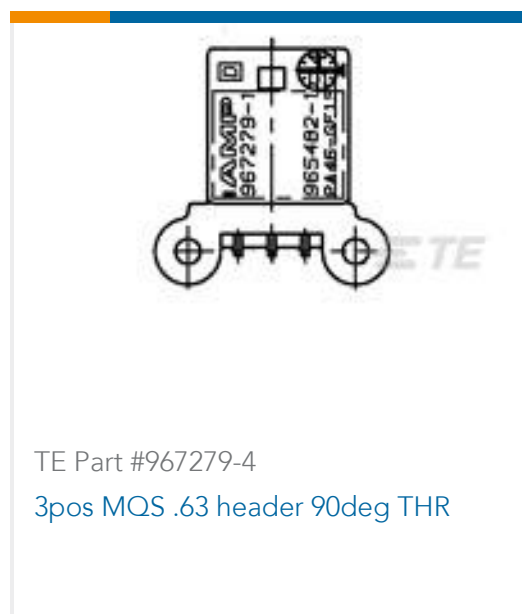


Also in the Series | Multilock Connector System



Customers Also Bought





Documents

Product Drawings

HYBRID 76P CAP ASS'Y

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_174915-6_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_174915-6_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_174915-6_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_174915-6_H2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_174915-6_H2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_174915-6_H2.2d_dxf.zip](#)

English

3D PDF

3D

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Product Specifications

Application Specification

English

Instruction Sheets

HYBRID I/O CONNECTOR

English



Customer Manual (non U.S.)

English

HYBRID I/O CONNECTOR

English

Customer Manual (non U.S.)

English