175973-2 ✔ ACTIVE

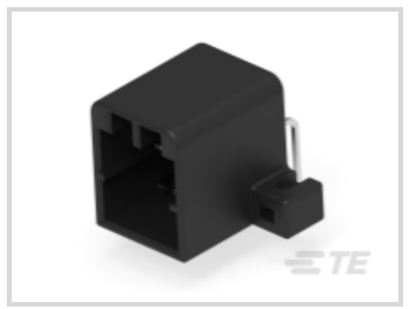
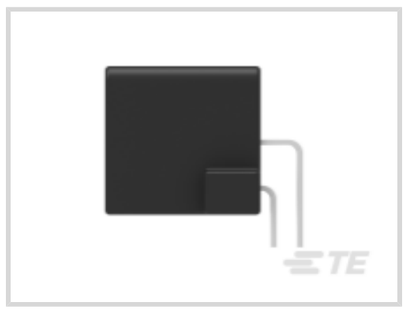
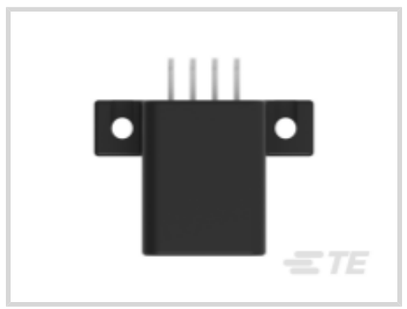
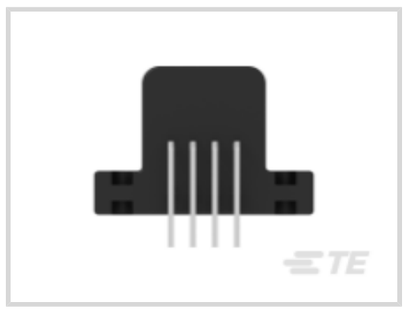
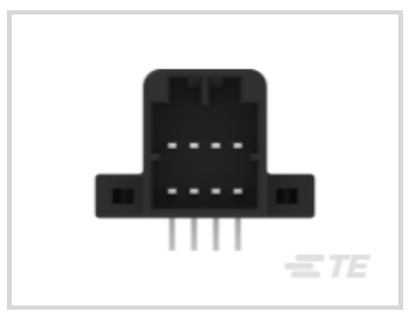
AMP | Multilock Connector System

TE Internal #: 175973-2

Horizontal, Wire-to-Board, 8 Position, 2 Rows, 2.5mm [.098in] Centerline, Tin (Sn), Printed Circuit Board, Signal, Black, Multilock Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header

PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **2.5 mm [.098 in]**

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

All Signal Header (237)

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	8
Number of Rows	2

Body Features

Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mounting Holes	With
Mating Alignment	With
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Tube

Other

Interface Number	175964

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 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

Product Compliance Disclaimer

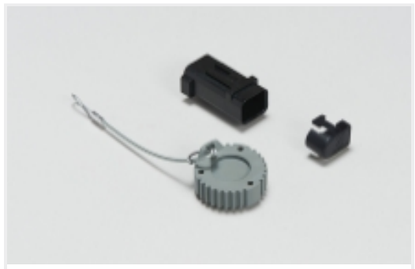
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING

Also in the Series | Multilock Connector System



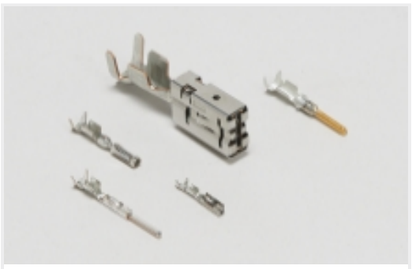
Automotive Connector Caps & Covers (5)



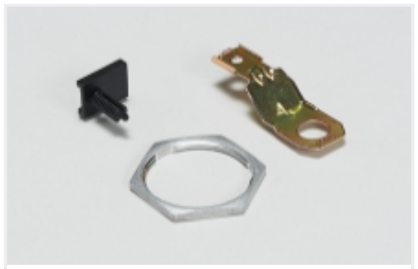
Automotive Housings(140)



Automotive Signal & Power Headers (71)

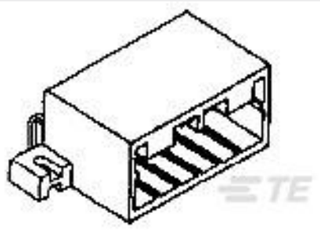


Automotive Terminals(76)

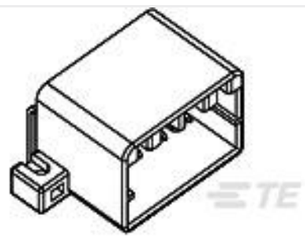


Other Automotive Connector Accessories(5)

Customers Also Bought



TE Part #175783-1
070 MLC CAP H ASSY SGL 6P NAT.



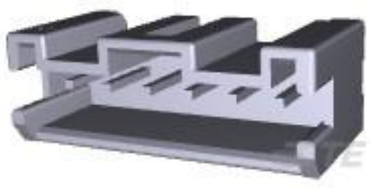
TE Part #175975-2
.040 MLC-2 CAP ASS'Y 20P (H)



TE Part #964286-2
JPT A REC 2.8 Contact SWS Sn



TE Part #5-968220-1
MQS0,63 Sn rec CB unseal. 0,2-0,35



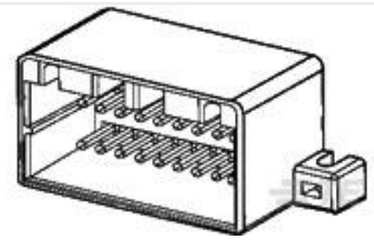
TE Part #1376478-6
2.5MM SIGNAL MATE CONN HEADER



TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part #CAT-PFSMTH9264
Press-Fit & SMT Header



TE Part #316993-6
040 II MLC CONN CAP ASSY 20P

Documents

Product Drawings

.040 MLC-2 CAP ASS'Y 8P (H)

Japanese

CAD Files

Customer View Model

ENG_CVM_175973-2_D5.3d_igs.zip

English

Customer View Model

ENG_CVM_175973-2_D5.3d_stp.zip

English

Customer View Model

ENG_CVM_175973-2_D5.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175973-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175973-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175973-2_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

Japanese

Instruction Sheets

.040 Series Multilock I/O Connector Mark II

Japanese

.040 Series Multilock I/O Connector Mark II

Japanese

.040 Series, Multilock I/O Connector, Mark II

Japanese

.040 Series, Multilock I/O Connector, Mark II

Japanese