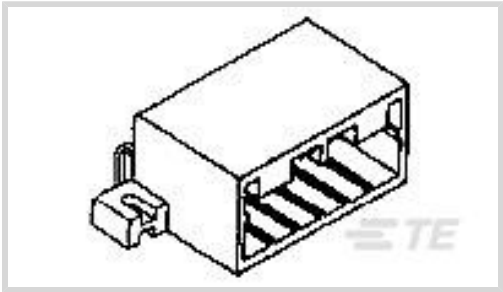




Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Rows: **1**

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

[All Signal Header \(240\)](#)

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	6
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V



Body Features

Primary Product Color	Black
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Contact Features

Contact Size	1.8mm
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

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

Connector Width	34.8 mm[1.37 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	18.6 mm[.732 in]
Connector Length	12.5 mm[.492 in]

Usage Conditions

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

Operation/Application

Shielded	No
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

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Packaging Method	Tube
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

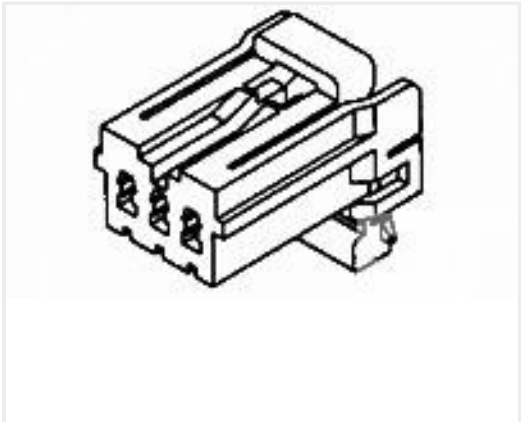
Product Compliance Disclaimer

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 # CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



TE Part # 174923-5  
070 MLC W-W PLUG HSG 6P BLUE

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (5)



Automotive Headers(75)



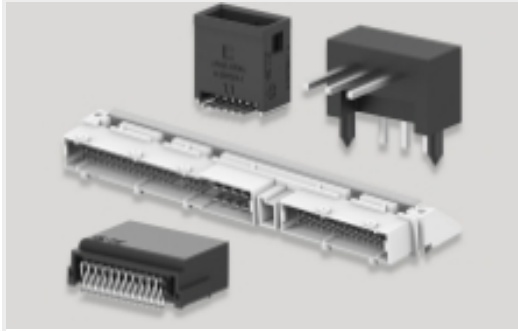
Automotive Housings(138)



Automotive Terminals(76)



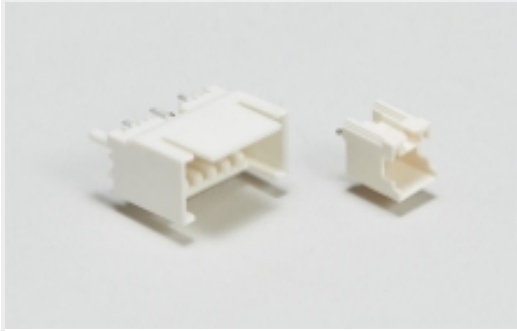
Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(75)



Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles (73)

Customers Also Bought



TE Part #474006-E  
DRCQ 2,54 10 M \* SMD \* 137 E012 094 GU-H



TE Part #CAT-MINH6642  
Miniature Automotive I/O Headers



TE Part #1-928776-7  
MOD2 STIFT M A-PIN



TE Part #CAT-SIGH262  
Signal Header



TE Part #1-1625892-9  
3W SM M/OX 5% 180R



TE Part #2326784-1  
32POS,TAB0.64X0.64,HDR ASSY, 90DEG,SLDR



TE Part #2-2437439-7  
MQS,TERMINAL,STIFTE MAGAZ



TE Part #2-928776-7  
MOD2 STIFT M.A-PIN

Documents

Product Drawings

070 MLC CAP H ASSY SGL 6P BLA.

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_175783-2\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_175783-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_175783-2\\_A.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