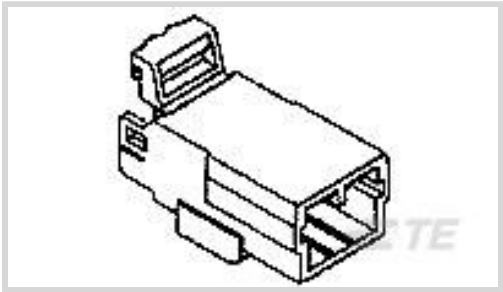




Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **6**

Centerline (Pitch): **3.5 mm [.137 in]**

Sealable: **No**

Number of Rows: **1**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Wire
Sealable	No

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Size	1.8mm
Contact Type	Tab
Mating Tab Width	1.8 mm[.07 in]
Mating Tab Thickness	.64 mm[.025 in]



Contact Current Rating (Max)	10 A
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Mechanical Attachment

Mating Alignment	With
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Housing Features

Centerline (Pitch)	3.5 mm [.137 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C
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Operation/Application

Circuit Application	Power, Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Other

Interface Number	174923
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability






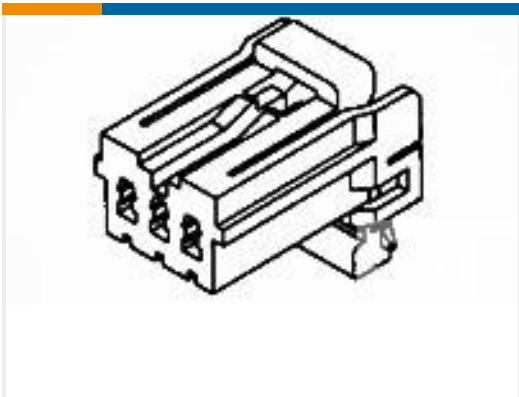
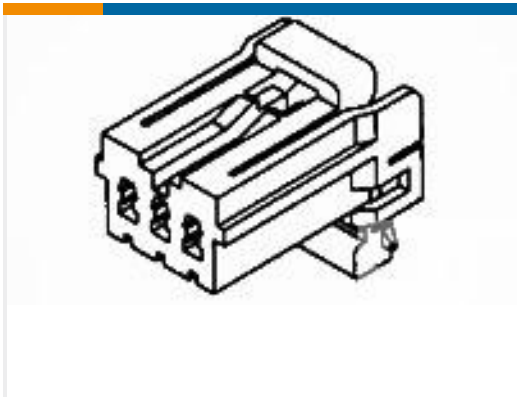
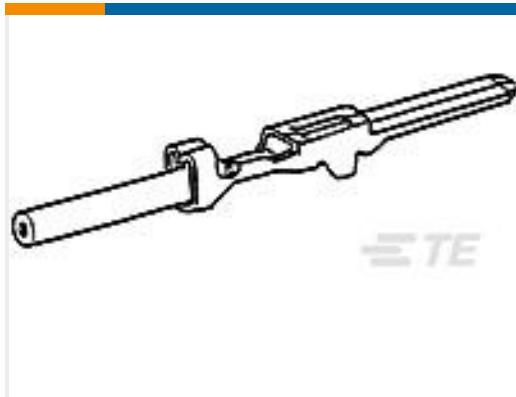

Product Compliance Disclaimer

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 # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING</p>	 <p>TE Part # CAT-M9194-T273 MULTILOCK, RECEPTACLE AND TAB</p>	 <p>TE Part # 173633-4 070 MLC TAB CONT 24-22 AS</p>	 <p>TE Part # 173645-4 070 MLC TAB CONT 20-16 AS</p>
 <p>TE Part # 175029-1 070 TAB CONTACT L/P 24-22</p>	 <p>TE Part # 174923-5 070 MLC W-W PLUG HSG 6P BLUE</p>	 <p>TE Part # 174923-7 070 MLC PLUG 6P SGL YELLOW</p>	 <p>TE Part # 175030-3 070 TAB CONTACT L/P</p>
 <p>TE Part # 173645-5 070 TAB NON SEALED TIN</p>			

Also in the Series | Multilock Connector System

 <p>Automotive Connector Caps & Covers (17)</p>	 <p>Automotive Connector EMC Shielding (1)</p>	 <p>Automotive Connector Locks & Position Assurance(2)</p>	 <p>Automotive Housings(603)</p>
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Automotive Terminals(141)



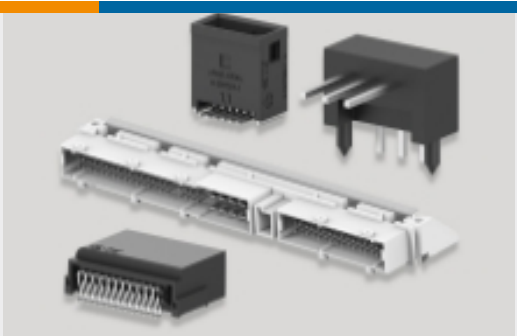
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)

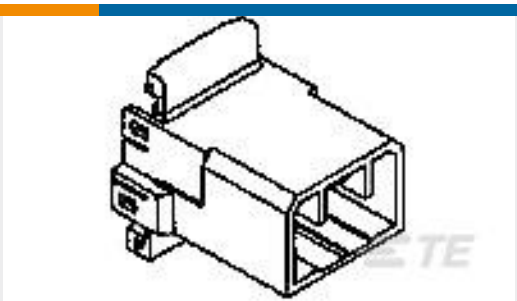


Other Automotive Connector Accessories(14)

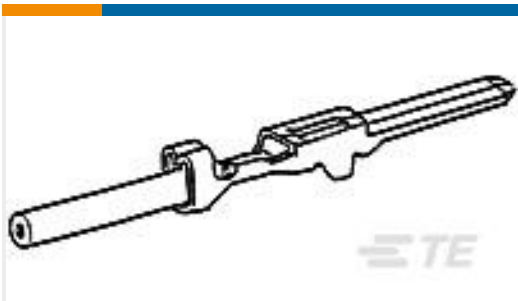


PCB Headers & Receptacles(142)

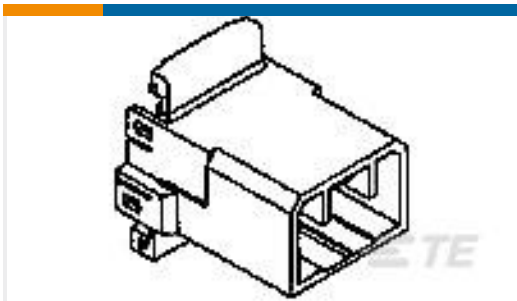
Customers Also Bought



TE Part #1-174931-1
070 MLC W-W CAP HSG 8P F/A



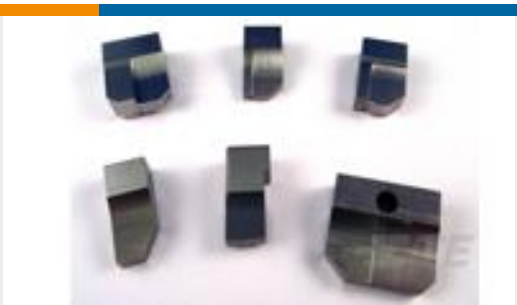
TE Part #173645-2
070 MLC TAB CON 20-16



TE Part #174932-1
070 MLC W-W CAP HSG 10P



TE Part #ZPF000000000121738
182-0860-22



TE Part #2-1633129-2
ANVIL, COMBINATION .062



TE Part #7-568176-0
CRIMPER, WIRE (.050" 'F')



TE Part #2236917-1
SENSOR CPL, P441,ASSY



TE Part #5-929008-2
MQS1MM BU-KONT 90GR



TE Part #965180
4 WAY FASTIN-ON 250 HSG TAB
PA66 NAT

Documents



Product Drawings

070 MLC W-W CAP HSG 6P SGL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_174930-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_174930-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_174930-1_D.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