1-174936-1 ✔ ACTIVE

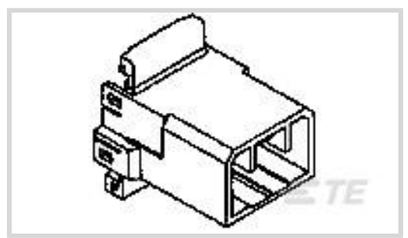
AMP | Multilock Connector System

TE Internal #: 1-174936-1

12 V, 20 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 3.5 mm [.137 in] Centerline, Natural, Wire & Cable, Multilock Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Housing for Male Terminals**

Number of Positions: **20**

Sealable: **No**

Operating Temperature Range: **-30 – 105 °C [-22 – 221 °F]**

Features

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	20
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Natural

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	3.5 mm[.137 in]

Usage Conditions

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

Packaging Features

Packaging Method	Tray
Packaging Quantity	50

Other

Connector Position Assurance Capable	No

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

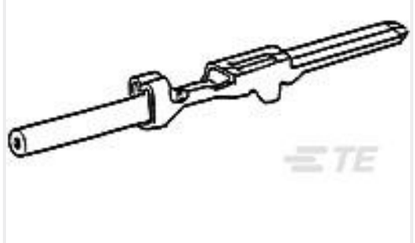
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

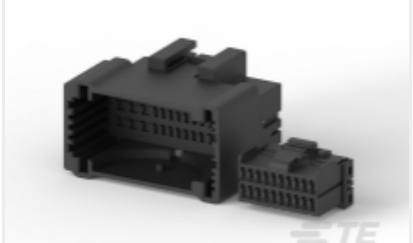
Compatible Parts



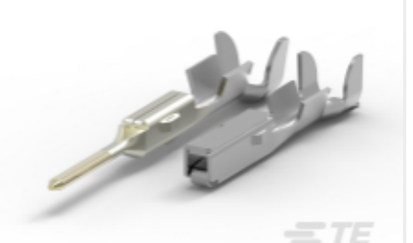
TE Part # 175029-1
070 TAB CONTACT L.P 24-22



TE Part # 175030-3
070 TAB CONTACT L/P



TE Part # CAT-M9194-CH8172
Multilock Connector Housing



TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (5)



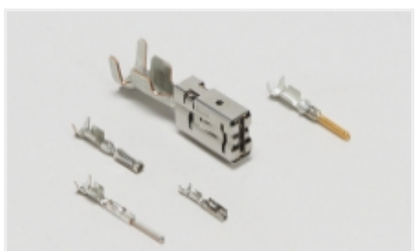
Automotive Housings(140)



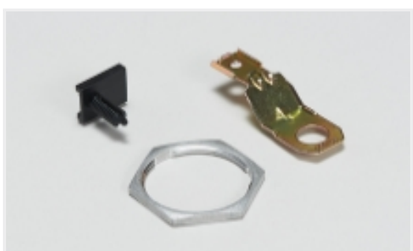
Automotive Signal & Power Connector Housings(136)



Automotive Signal & Power Headers (70)



Automotive Terminals(76)



Other Automotive Connector Accessories(5)

Customers Also Bought



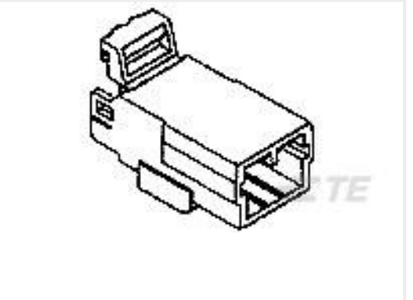
TE Part #CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part #170096-2
250 FASTON,REC.,22-18 AWG,TPPB



TE Part #CAT-M9194-CH8172
Multilock Connector Housing



TE Part #1-174930-1
070 MLC W-W CAP HSG 6P F/A

Documents

Product Drawings

070 MLC W-W CAP HSG 20P F/A

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-174936-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-174936-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1-174936-1_C.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