174933-2 ✔ ACTIVE

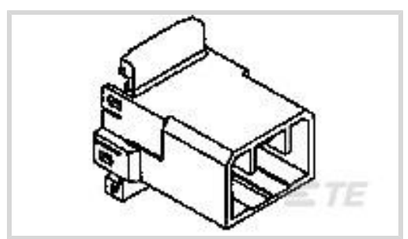
AMP | Multilock Connector System

TE Internal #: 174933-2

Multilock Connector System, Housing for Female Terminals, Wire-to-Wire, 12 Position, Black, Signal

View on TE.com >

Connectors > Automotive Connectors > Connector Housings > MULTILOCK, CONNECTOR HOUSING



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

Mating Tab Width: **1.8 mm [.071 in]**

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

Number of Positions: **12**

Sealable: **No**

All MULTILOCK, CONNECTOR HOUSING (577)

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No

Configuration Features

Number of Positions	12
Number of Rows	2

Body Features

Body Material	PBT
Primary Product Color	Black

Contact Features

Mating Tab Width	1.8 mm[.071 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	No
Mating Alignment Type	Polarized

Dimensions

Product Width	18.2 mm[.717 in]
Product Length	32.7 mm[1.29 in]
Product Height	31.4 mm[1.24 in]
Row-to-Row Spacing	3 mm[.118 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[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

Circuit Application	Signal

Packaging Features

Packaging Quantity	50

Other

Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

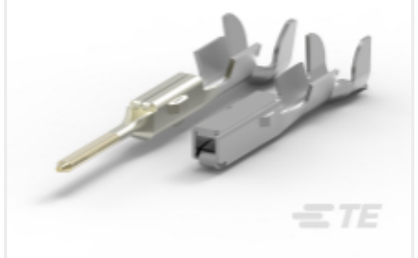
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > 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	Not applicable for solder process capability

Product Compliance Disclaimer

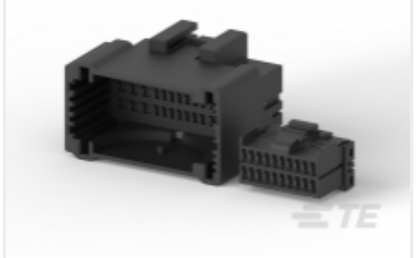
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



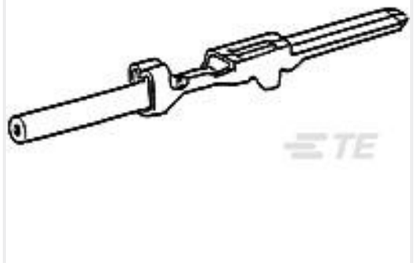
TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



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



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



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

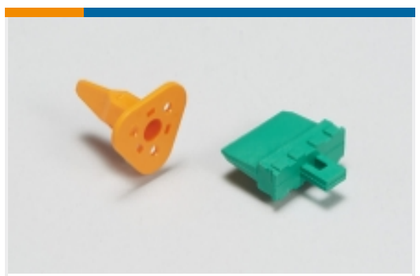
Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (16)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)



Automotive Headers(138)



Automotive Housings(576)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(142)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)

Customers Also Bought



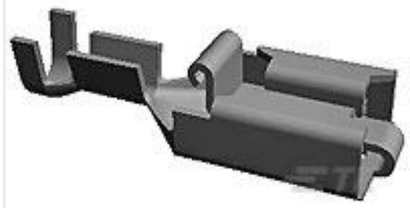
TE Part #DTM04-6P-E004
DEUTSCH DTM HOUSINGS



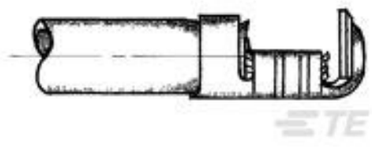
TE Part #1534594-1
MCON, RECEPTACLE AND TAB



TE Part #1123341-2
TH/.025 CONNECTOR SYSTEM, HOUSING



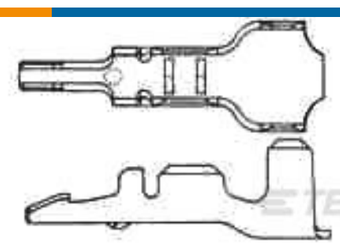
TE Part #160759-3
250 PL MKI REC. 20-15AWG TPBR



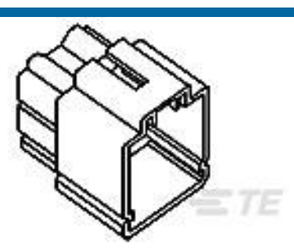
TE Part #170023-1
BUTTON CONTACT



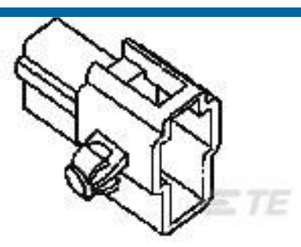
TE Part #170030-5
FF 250 TAB 20-14AWG PTBR



TE Part #170197-2
MINI AMP-IN 24-20 AWG



TE Part #172227-1
FF 250 REC HSG 9P NYLON NAT



TE Part #172383-5
FF 250 REC HSG 2P NYLON BLUE P/M

TE Part #1010-016-0406
SEAL, INTF, 4P, RED-ORG, STD, DT

Documents

Product Drawings

070 MLC W-W CAP HSG 12P B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174933-2_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_174933-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_174933-2_K.3d_stp.zip

English

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

Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

Product Specification

Japanese