284159-1 ✔ ACTIVE

AMP | Multilock Connector System

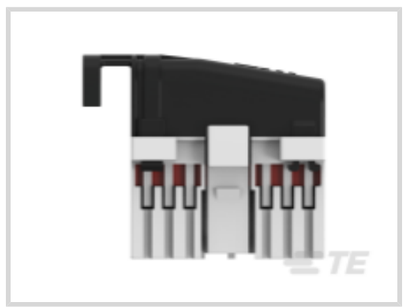
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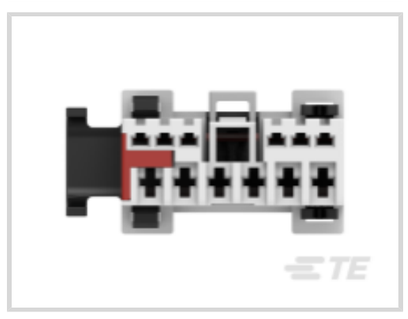
Housing for Female Terminals, Wire-to-Board, 12 Position, 3.5 mm / 5 mm [.138 in / .197 in] Centerline, Natural, Multilock Connector System

View on TE.com >

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







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

Number of Positions: **12**

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

Centerline (Pitch): **3.5 mm, 5 mm [.138 in, .197 in]**

Sealable: **No**

All MULTILOCK, CONNECTOR HOUSING (146)

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal
Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular

Configuration Features

Number of Positions	12
Number of Rows	2

Housing Features

Centerline (Pitch)	3.5 mm, 5 mm[.138 in][.197 in]

Housing Material	PA GF

Contact Features

Mating Tab Width	2.8 mm, 1.8 mm[.11 in][.071 in]
Contact Current Rating (Max)	7.5 A, 35 A, 15 A
Contact Size	2.8mm, 1.8mm
Contact Type	Receptacle

Body Features

Primary Product Color	Natural
Cable Exit Angle	90°

Operation/Application

Circuit Application	Power & Signal

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Polarized
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	80 °C, 85 °C, 75 °C, 70 °C[167 °F][158 °F][176 °F][185 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Electrical Characteristics

Nominal Voltage Architecture	24 V, 12 V
Operating Voltage	24 VDC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	No

Dimensions

Row-to-Row Spacing	5.3 mm[.209 in]
Product Width	20.8 mm[.819 in]

Product Length	40.2 mm[1.583 in]
Connector Height	34 mm[1.339 in]

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

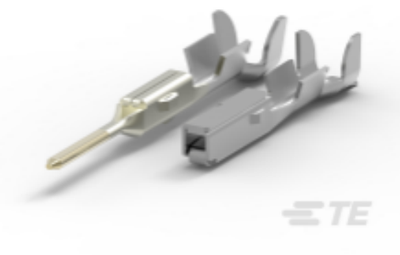
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



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



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

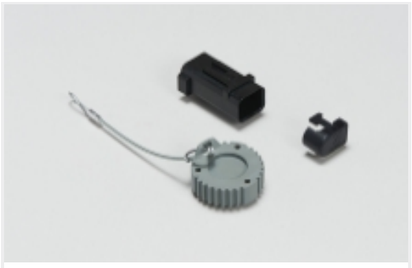


TE Part # 284160-1
COVER FOR 6+6 POS. HYBRID CONN



TE Part # CAT-LMPH9507
Low & Medium Power Header

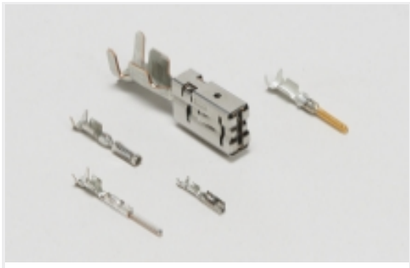
Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (6)



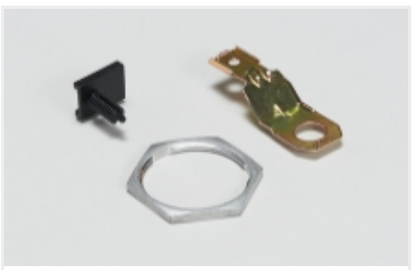
Automotive Housings(165)



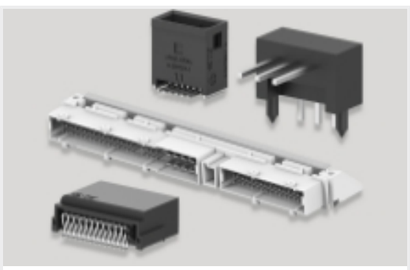
Automotive Terminals(84)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(88)

Customers Also Bought



TE Part #9-1452380-9
96 POS. CONNECTOR ASSY



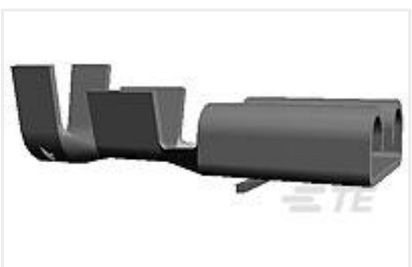
TE Part #160860-4
FF 250 REC 0.5-1.0MM2 TPPB



TE Part #1419158-5
MARKT2X3SWIT CONN.B



TE Part #6-967587-3
6POS MQS TAB SEALED COD B



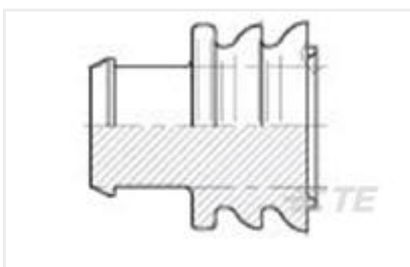
TE Part #160914-4
FF 250 REC 4-6MM2 TPPB



TE Part #144934-1
SHIELD MQS 26P ASS'Y



TE Part #1452842-3
22 POS FEMALE HSG ASSY



TE Part #828986-1
DICHT-STOPFEN



TE Part #2208277-3
60POS MQS REC SEALED

TE Part #5039276082
DR-25-1/4-0-50MM

Documents

Product Drawings

12 POS. 070 RCPT.HSG. & SEC.LO

English

CAD Files

Customer View Model

ENG_CVM_CVM_284159-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284159-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284159-1_B.3d_stp.zip

English

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Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

Product Specification

English

6+6 POS. HEADER AND CONNECTOR FOR STEERING COLUMN DEVICE

English

HEADERS AND CONNECTORS FOR DOOR JUNCTION SYSTEM

English

Product Specification

English