



Automotive Parts > Automotive Connectors > Automotive Housings > Multilock Connector Housing



Nominal Voltage Architecture: 12 V, 24 V
Connector & Housing Type: Housing for Female Terminals
Number of Positions: 12
Sealable: No
Operating Temperature Range: -30 – 105 °C [-22 – 221 °F]

[All Multilock Connector Housing \(140\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

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



Body Features

Cable Exit Angle	90 °
Primary Product Color	Natural

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	3.5 mm, 5 mm[.138 in][.197 in]

Dimensions

Row-to-Row Spacing	5.9 mm[.23 in]
Product Width	19.1 mm[.75 in]
Product Length	40.2 mm[1.58 in]
Connector Height	19.3 mm[.76 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Other

Serviceable	No
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Connector Position Assurance Capable	No
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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	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	Low Halogen - Br, Cl, F < 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-N05-AT28
2.8 mm Automation Ready Terminals for Automotive Wire Harness Production and High Performance Automation



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



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



TE Part # CAT-LMPH9507
Low & Medium Power Header

Also in the Series | Multilock Connector System



Automotive Housings(158)



Automotive Signal & Power Connector Housings(153)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(5)

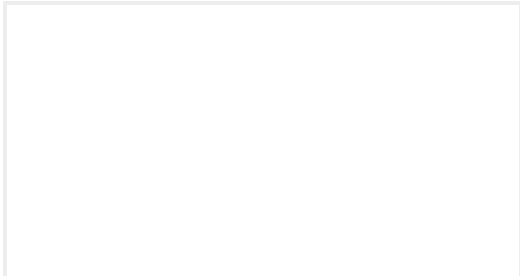
Customers Also Bought



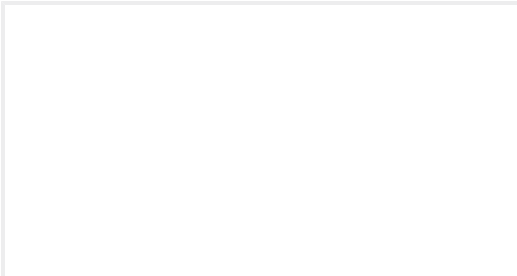
TE Part #144935-1
26POS MQS REC



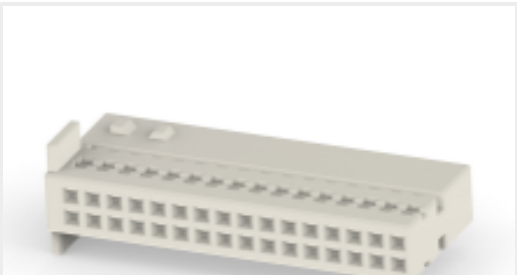
TE Part #9-2209520-9
46POS. REC HOUSING ASSY, CODA A



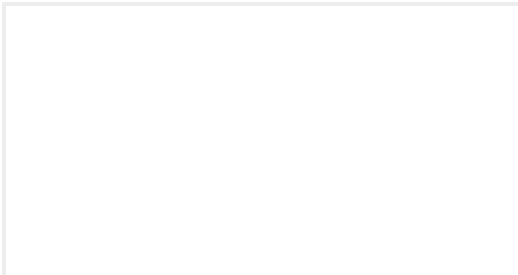
TE Part #2434762-1
AMP MCP 2.8K, TERMINAL, SWS



TE Part #2434827-1
MCON 1.2, TERMINAL, SRC, SN



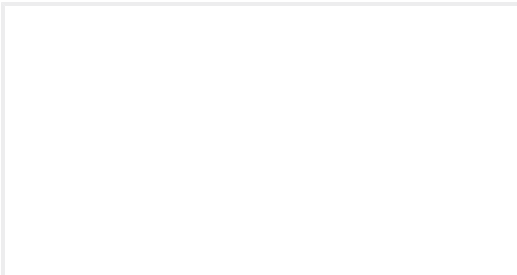
TE Part #2434851-1
32POS, MQS, REC HSG



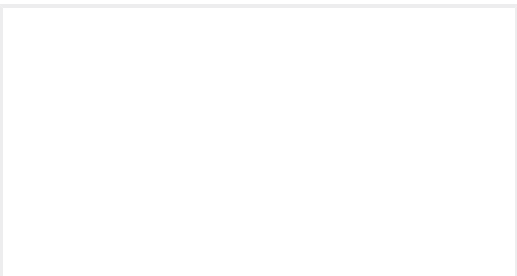
TE Part #1-2434953-1
AMP MCP 2.8, TERMINAL



TE Part #2435057-1
3POS, 1.5MM SFC, REC HSG ASSY



TE Part #5-2435196-1
MQS, TERMINAL, 064 LL



TE Part #5-2435200-1
MQS, TERMINAL, 064 LL



TE Part #2435209-1
MINI MIC, TERMINAL, SRS

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

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](#)

English

[6+6 POS. HEADER AND CONNECTOR FOR STEERING COLUMN DEVICE](#)

English

[HEADERS AND CONNECTORS FOR DOOR JUNCTION SYSTEM](#)

English

[Product Specification](#)

English