



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 12

Connector & Housing Type: Housing for Male Terminals

Connector System: Wire-to-Wire

Centerline (Pitch): 5.75 mm [.23 in]

Sealable: Yes

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	3

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A



Contact Features

Contact Size	1.5mm, 2.8mm
Contact Type	Tab
Contact Current Rating (Max)	15 A, 30 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5.75 mm[.23 in]

Dimensions

Row-to-Row Spacing	5.75 mm[.23 in]
Product Width	45.9 mm[1.81 in]
Product Length	31.8 mm[1.25 in]
Connector Height	29.55 mm[1.16 in]

Operation/Application

Circuit Application	Signal
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Other

Serviceable	Yes
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 2025 (247) Candidate List Declared Against: JAN 2025 (247)



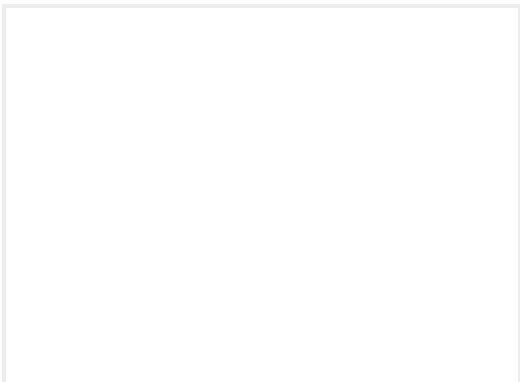
Does not contain REACH SVHC

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1452304-1
INL:R.BUM.MAL HSG12



TE Part # 1-1670400-1
12 POS MIXED RECEPTACLE HOUSING CODA



TE Part # 1-1670400-2
12 POS MIXED RECEPTACLE HOUSING CODA



TE Part # 2-1452299-1
12 POS REAR BUMPER CONN



TE Part # 1452303-2
INL:R.BUM.MAL HSG12



TE Part # 1452299-1
FEM HSG INLI.ASY12P

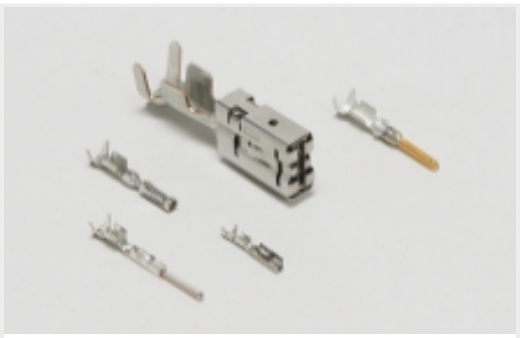
Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers (24)



Automotive Housings(281)



Automotive Terminals(7)

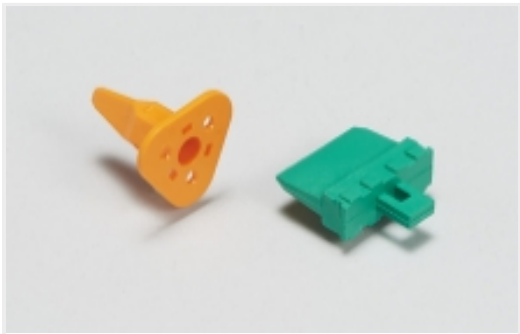
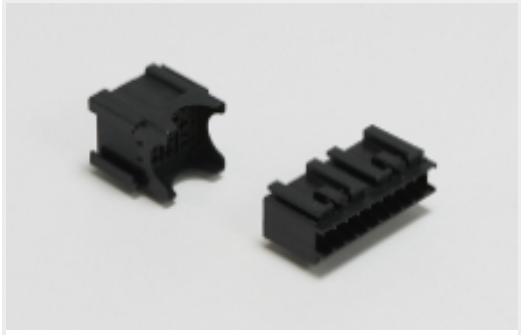
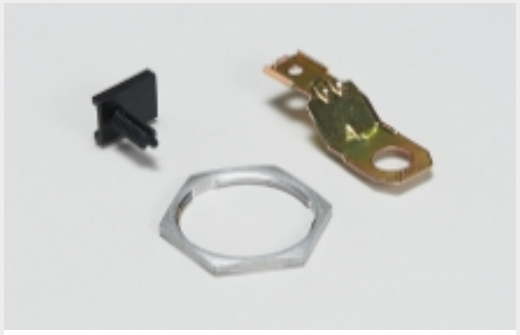
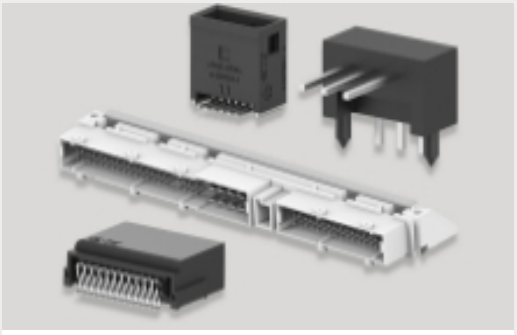


Insertion & Extraction Tools(13)



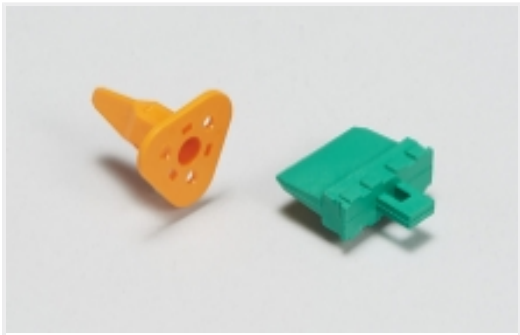
Also in the Series

AMP MCP 2.8

 Automotive Connector Locks & Position Assurance(4)	 Automotive Headers(31)	 Automotive Housings(281)	 Connector Seals & Cavity Plugs(5)
 Insertion & Extraction Tools(13)	 Module Components(1)	 Other Automotive Connector Accessories(2)	 PCB Headers & Receptacles(31)
 Rectangular Power Connectors(15)			

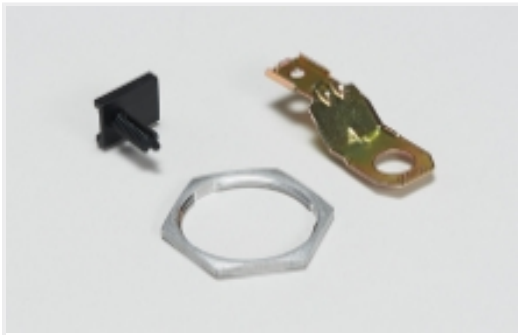
Also in the Series

AMP MCP Connector System

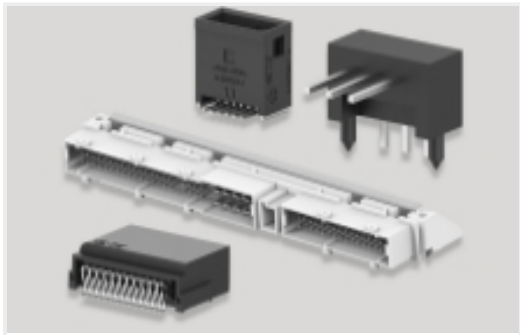
 Automotive Connector Locks & Position Assurance(4)	 Automotive Headers(31)	 Automotive Housings(281)	 Connector Seals & Cavity Plugs(5)
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Insertion & Extraction Tools(13)



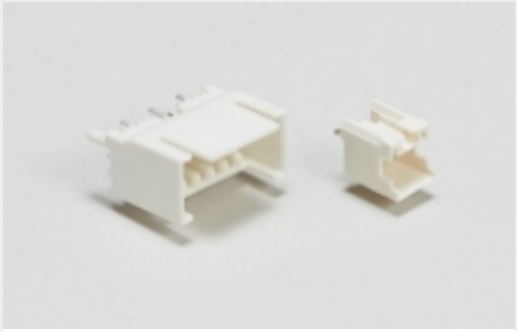
Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(31)



Rectangular Power Connectors(15)



Wire-to-Board Headers & Receptacles (30)

Customers Also Bought



TE Part #1326032-9
2.8MM RECP,SEAL,18AWG,REV REEL



TE Part #1452303-2
INL:R.BUM.MAL HSG12



TE Part #1-1670916-1
2POS, MCON 1.2 LL REC SEALED



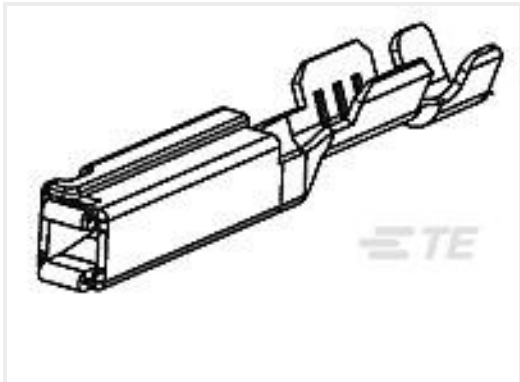
TE Part #2278770-1
4P SOCKET HOUSING



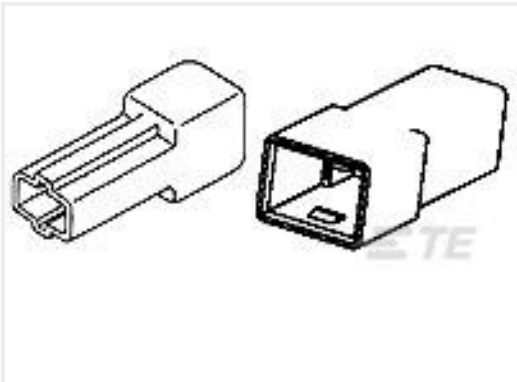
TE Part #2278586-1
67 POS COVER ASSY TYPE180



TE Part #2299450-1
14P TAB HOUSING ASSY



TE Part #1393367-1
V23540X7000Y 11=GET-FEM TERM S



TE Part #180916-5
FF 250 TAB HSG 1P NYLON BLACK



TE Part #6-146762-7
28 MODII RCPT VERT DR



TE Part #638187-3
RE-REELED RECPT CONT. 18-20AWG

Documents



Product Drawings

INL:R.BUM.MAL HSG12

English

CAD Files

Customer View Model

ENG_CVM_CVM_1452303-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1452303-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1452303-1_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English