1452299-1 ✔ ACTIVE

AMP | 1.5/2.8 Connector System

TE Internal #: 1452299-1

12 V, 12 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 5.7 mm / 6.7 mm [.22 in / .26 in] Centerline, 1.5/2.8 Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **12**

Sealable: **Yes**

Number of Rows: **3**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180 °

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.5mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm[.06 in][.11 in]

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 GF20
Centerline (Pitch)	5.7 mm, 6.7 mm[.22 in][.26 in]

Dimensions

Row-to-Row Spacing	5.75 mm[.22 in]
Product Width	36.8 mm[1.44 in]
Product Length	36.1 mm[1.42 in]
Connector Height	34.2 mm[1.34 in]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	56
Packaging Method	Box & Tray

Other

Serviceable	No
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: JUN 2016 (169) 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 # 3-1452303-1
12 POS REAR BUMPER



TE Part # CAT-A11-T273
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB



TE Part # 4-1452303-1
12 POS REAR BUMPER



TE Part # 1452303-1
INL:R.BUM.MAL HSG12

Also in the Series | 1.5/2.8 Connector System



Automotive Connector Caps & Covers (3)



Automotive Housings(103)



Automotive Signal & Power Connector Housings(94)

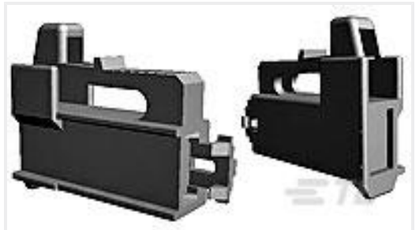


Automotive Signal & Power Headers(1)



Automotive Terminals(46)

Customers Also Bought



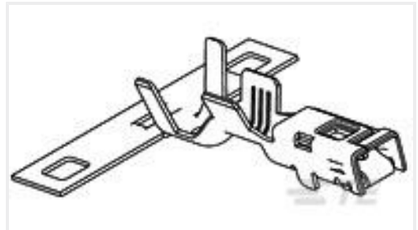
TE Part #178471-2
DOUBLE LOCK CONNECTOR 250 ASSEMBLY



TE Part #184095-1
RECPT, CONTACT .070, AUPHBZ



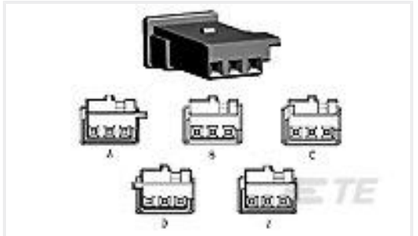
TE Part #1241390-1
AMP MCP 2.8K, CONTACT



TE Part #1326032-3
2.8MM RECP,SEAL,18AWG



TE Part #1-1670921-1
5POS, MCON 1.2 LL REC SEALED



TE Part #2-1718346-1
3POS MQS REC COD B



TE Part #1801823-3
4POS,MCON 0.5 CB,REC HSG,BLUE, ASSY,SLD



TE Part #1-2203775-1
5POS, MCON 1.2 CB REC 1p TL SEALED



TE Part #2278586-1
67 POS COVER ASSY TYPE180



TE Part #1-2278584-5
67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180

Documents

Product Drawings

FEM HSG INLI.ASY12P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1452299-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1452299-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1452299-1_G.3d_stp.zip

English

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Product Specifications

Application Specification

English