1452303-1 ✔ ACTIVE

AMP | 1.5/2.8 Connector System

TE Internal #: 1452303-1

12 V, 12 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 5.7 mm / 6.7 mm [.22 in / .26 in] Centerline, Black, 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 Male Terminals**

Number of Positions: **12**

Sealable: **No**

Number of Rows: **3**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	No
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	Tab
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[.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	Power & Signal

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	No Restricted Materials 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	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 # 1-1670400-1
12 POS MIXED RECEPTACLE HOUSING CODA



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



TE Part # 1452299-1
FEM HSG INLI.ASY12P



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



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

Also in the Series | 1.5/2.8 Connector System



Automotive Headers(1)



Automotive Housings(103)



Automotive Signal & Power Connector Housings(94)

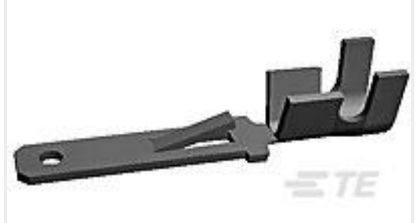
Customers Also Bought



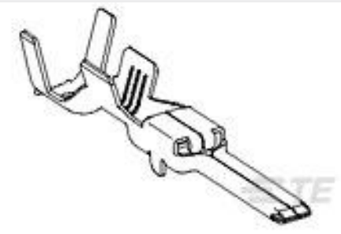
TE Part #184002-1
2 POS. PLUG ASSY, KEY B, GRAY



TE Part #927829-1
SPT REC 6.3 Contact SRC Sn



TE Part #928962-2
FF 250 TAB 1.0-2.5MM2 TBR



TE Part #1-1326031-0
2.8MM BLD,SEAL,14AWG,REV REEL



TE Part #1452158-1
MQS1,5 Sn rec CB unseal. 0,35-0,5



TE Part #1897302-2
ECU 60P PLUG ASSY



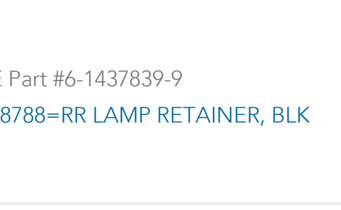
TE Part #1-2203775-1
5POS, MCON 1.2 CB REC 1p TL SEALED



TE Part #2477229-1
V23136A1001X171-EV-100



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



TE Part #6-1437839-9
108788=RR LAMP RETAINER, BLK

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

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Product Specifications

Application Specification

English