



Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 1.2mm Sealed Connectors



Nominal Voltage Architecture: 12 V

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

Number of Positions: 4

Sealable: **Yes**

Operating Temperature Range: -40 – 150 °C, -40 – 130 °C, -40 – 170 °C [ -40 – 338 °F, -40 – 302 °F, -40 – 266 °F ]

[All 48V Ready 1.2mm Sealed Connectors \(182\)](#)

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows      | 1 |

Electrical Characteristics

|                              |      |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|



Body Features

|                         |       |
|-------------------------|-------|
| Primary Product Color   | Brown |
| Connector & Keying Code | B     |

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Size                 | 1.2mm           |
| Contact Type                 | Receptacle      |
| Mating Tab Width             | 1.2 mm[.047 in] |
| Contact Current Rating (Max) | 25 A            |

Mechanical Attachment

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

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | PA GF         |
| Centerline (Pitch) | 4 mm[.157 in] |

Dimensions

|                  |                  |
|------------------|------------------|
| Product Width    | 26.5 mm[1.04 in] |
| Product Length   | 24.7 mm[.972 in] |
| Connector Height | 17.5 mm[.689 in] |

Usage Conditions

|                             |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| Operating Temperature Range | -40 – 150 °C, -40 – 130 °C, -40 – 170 °C[-40 – 338 °F][-40 – 302 °F][-40 – 266 °F] |
| Operating Temperature (Max) | 130 °C, 150 °C, 170 °C[266 °F][302 °F][338 °F]                                     |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|           |      |
|-----------|------|
| IP Rating | IP67 |
|-----------|------|

Other

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|



Connector Position Assurance Capable

Yes

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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>

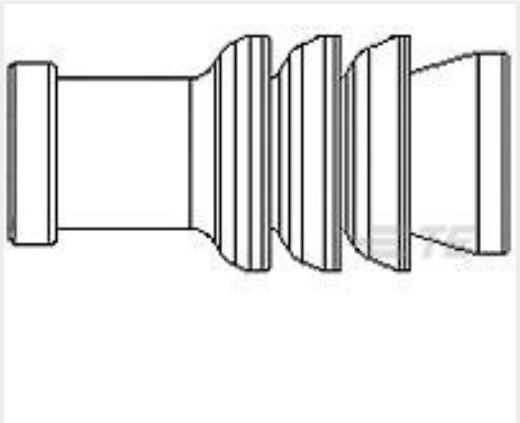
Compatible Parts



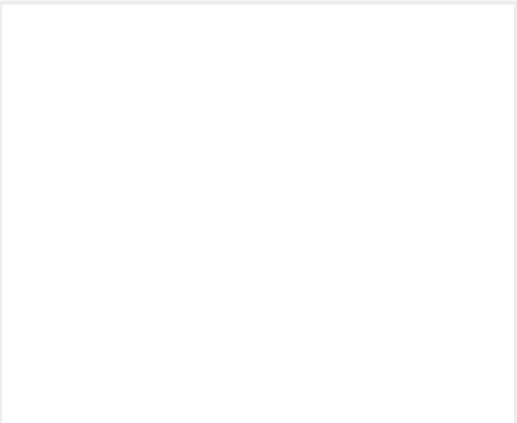
TE Part # 967056-1  
MQS BLINDSTOPFEN4MM



TE Part # CAT-M4595-T273  
MCON Receptacle and Tab



TE Part # 967067-1  
MQS SGL WIRE SEAL



TE Part # 2343826-2  
T40MC2 POSITION SENSOR



TE Part # 1456427-2  
4 Pos Sld 1.2mm cb MCON Key B



TE Part # 1456429-1  
4 Pos Sld 1.2mm cb MCON TPA



TE Part # 964972-1  
EINZELLEITERDICHTNG

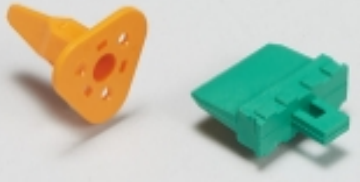


TE Part # 967067-2  
MQS EINZELLEITDICHT



TE Part # 963143-1  
MQS BLINDSTOPFEN

Also in the Series | MCON 1.2mm



Automotive Connector Locks & Position Assurance(9)



Automotive Housings(353)



Automotive Seals & Cavity Plugs(16)



Automotive Signal & Power Connector Housings(349)



Other Automotive Connector Accessories(12)

Customers Also Bought



TE Part #184392-1  
2X2 PLG ASSY, KEY A, W/O CPA C3



TE Part #1326032-6  
2.8MM RECP,SEAL,12AWG



TE Part #1897635-2  
ECU 60P PLUG ASS'Y



TE Part #1-2203771-1  
3POS, MCON 1.2 CB REC 1p TL SEALED





TE Part #2299987-4  
65W PLUG ASSEMBLY



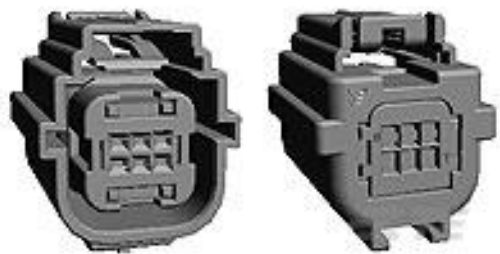
TE Part #2394246-1  
52POS, HYBRID, TAB HSG ASSY, UNSLD



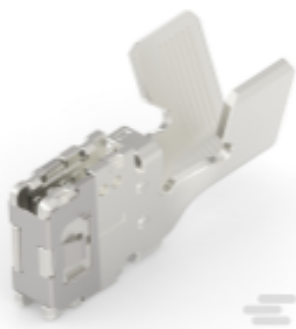
TE Part #184400-1  
2X2 PLUG ASSY, G KEY, CLASS 3,



TE Part #284723-1  
COVER FOR 60 POS RECEPTACLE HO



TE Part #1924211-1  
ASSY, PLUG, 2X3, SEALED, 0.64, OPEN



TE Part #2400163-1  
CSJ12 TERMINAL CRIMP 90D, ASSEMBLY

Documents

Product Drawings

4POS, MCON 1.2 CB REC 2p TL SEALED

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-1456426-6\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1456426-6\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1456426-6\_B.3d\_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English