



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



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: Housing for Female Terminals

Number of Positions: 2

Sealable: Yes

Operating Temperature Range: -40 – 130 °C [-40 – 266 °F]

[All 48V Ready 1.2mm Sealed Connectors \(145\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
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	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

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Primary Product Color	Light Gray
Connector & Keying Code	B

Contact Features

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm[.05 in]

Mechanical Attachment

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)	4 mm[.16 in]

Dimensions

Product Width	15.4 mm[.61 in]
Product Length	26.5 mm[1.04 in]
Connector Height	18.05 mm[.71 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1500
Packaging Method	Box

Other

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
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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) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (.5% in M-13270-1) Octamethylcyclotetrasiloxane (D4) (.5% in M-16419-1) Dodecamethylcyclohexasiloxane (D6) (.5% in 27519994353) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2138898-1
Wire Seal, VAMAC, Lubricated



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



TE Part # CAT-N14-NNMB12
NextGen & NextGen Plus MCON 1.2
Locking Lance Accessories



TE Part # 2203770-2
2POS, MCON 1.2 CB TAB 1p TL
SEALED

Also in the Series | MCON 1.2mm



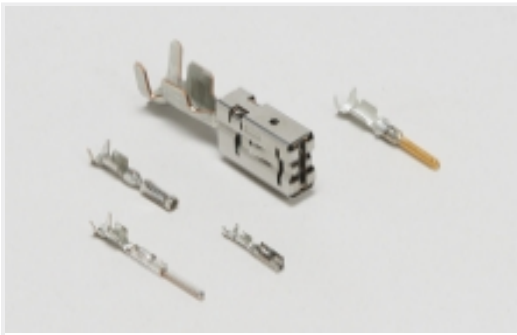
Automotive Connector Caps & Covers
(15)



Automotive Housings(352)



Automotive Seals & Cavity Plugs(16)



Automotive Terminals(90)



Other Automotive Connector
Accessories(12)

Customers Also Bought



TE Part #1062-20-0122
SOC, SF, SIZE 20, 16-22, NI/NI



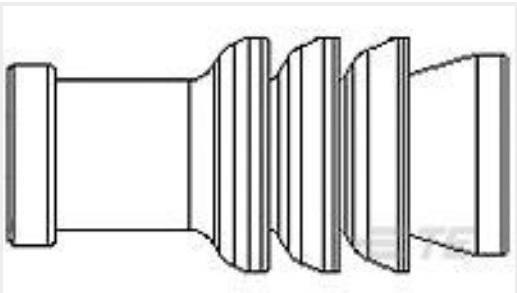
TE Part #66332-3
III+ PIN,24-20,15AU/FL,STRIP



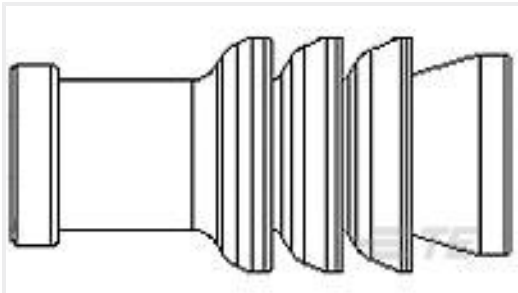
TE Part #786585-2
50SR SCREWLOCK KIT,FEMALE



TE Part #964971-1
EINZELLEITERDICHTNG



TE Part #967056-1
MQS BLINDSTOPFEN4MM



TE Part #967067-2
MQS EINZELLEITDICHT



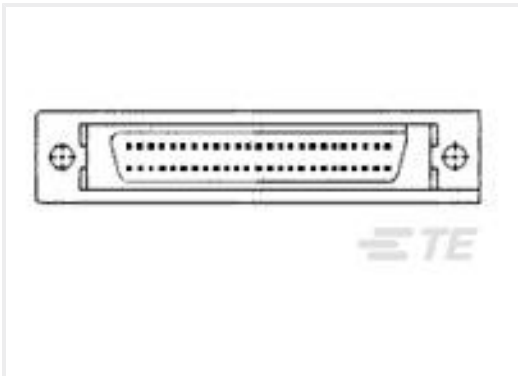
TE Part #2-1462037-3
IM06GR=IM Relay 140mW 12V



TE Part #3-1879524-3
CRGH2512 1% 232R 2W



TE Part #2-2176632-9
SQB60 15R (WIRE) 5% FASTON



TE Part #5174339-5
AMPLIMITE 050 SRS CONTACT

Documents



Product Drawings

2POS,MCON 1.2,REC HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2304514-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2304514-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2304514-2_A.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