



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



Number of Positions: 2

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

Mating Tab Width: 1.2 mm [.047 in]

Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Centerline (Pitch): 4 mm [.157 in]

[All 48V Ready 1.2mm Sealed Connectors \(41\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

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

Contact Features

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

Mechanical Attachment

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[1.043 in]
Product Length	15 mm[.591 in]
Connector Height	14.8 mm[.583 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP6K9K
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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	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

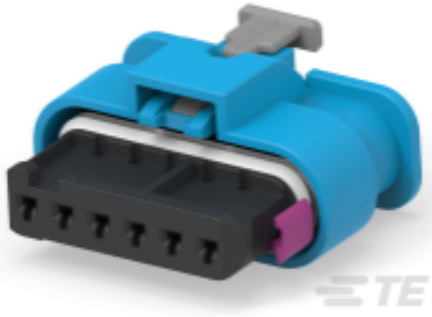
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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

 <p>TE Part # CAT-N14-RC4812 48V Ready 1.2mm Sealed Connectors</p>	 <p>TE Part # CAT-M4595-T273 MCON Receptacle and Tab</p>	 <p>TE Part # 2236586-1 2POS,TAB1.2X0.6,HDR ASSY,180DEG, MCON</p>	 <p>TE Part # 1718649-1 2POS, MCON 1.2 - RETAINER</p>
 <p>TE Part # 1718651-2 CPA, MCON 1.2</p>	 <p>TE Part # 963143-1 MQS BLINDSTOPFEN</p>	 <p>TE Part # 964972-1 EINZELLEITERDICHTNG</p>	 <p>TE Part # 5-1703498-1 2POS, MCON 1.2 LL TAB SEALED COD A</p>



TE Part # 1-1718647-1  
2POS, MCON 1.2 - REC. HOUSING

TE Part # 1718648-1  
2POS, MCON 1.2 - PROTEC. COVER

TE Part # CAT-N13-MSLRTT12  
MCON 1.2 Locking Lance Receptacle and Tab Terminals

TE Part # CAT-N13-MSLLT12  
MCON 1.2 48V Locking Lance Receptacle and Tab Terminals

TE Part # 1718650-1  
2POS, MCON 1.2 - SEAL

TE Part # CAT-NC1-MVA1248  
MCON 1.2 48 Volt Accessories

Also in the Series | MCON 1.2mm

Automotive Connector Caps & Covers  
(15)

Automotive Connector Locks & Position Assurance(10)

Automotive Housings(312)

Automotive Terminals(85)

Connector Seals & Cavity Plugs(10)

Insertion & Extraction Tools(5)

Other Automotive Connector Accessories(8)

Customers Also Bought

TE Part #7-1452665-1  
MCON 1.2 LL REC SWS SN

TE Part #967067-1  
MQS SGL WIRE SEAL

TE Part #CAT-N14-RC4812  
48V Ready 1.2mm Sealed Connectors

TE Part #1-1534796-2  
AMP DUOPLUG MK2 CONNECTOR 2P





TE Part #2-1718643-1  
2POS, MCON 1.2 LL REC SEALED



TE Part #964112-2  
BUCHSENKONTAKT



TE Part #9-1415001-5  
V23132E2001A200

TE Part #438683-2  
GUIDING PLATE



TE Part #2209023-1  
23+32P localization air bag connector

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-1718643-1\_E.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1718643-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1718643-1\_E.3d\_stp.zip

English

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Product Specifications

Application Specification

English