

1-1670915-1 ✓ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1-1670915-1

2 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, MCON 1.2mm

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

Mating Tab Width: 1.2 mm [.047 in]

Connector System: **Wire-to-Wire**

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

Features

Industry Standards

IP Rating	IP6K9K
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Dimensions

Product Width	26.5 mm[1.043 in]
Product Length	15 mm[.591 in]
Connector Height	14.8 mm[.583 in]

Mechanical Attachment

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

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	12 VDC
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Nominal Voltage Architecture	12 V
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Body Features

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

Housing Features

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

Contact Features

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

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Connector System	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

Usage Conditions

Operating Temperature (Max)	125 °C [248 °F] [221 °F] [158 °F] [167 °F] [230 °F] [176 °F] [194 °F] [185 °F] [266 °F] [212 °F] [257 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

Operation/Application

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 7-1452665-3
MCON 1.2 LL REC SWS AG



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



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



TE Part # 7-1452668-3
MCON 1.2 LL REC SWS AG



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



TE Part # 964972-1
EINZELLEITERDICHTUNG

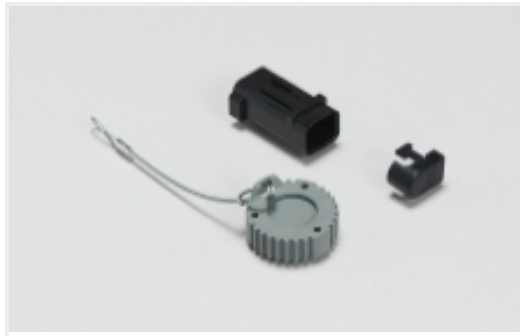


TE Part # 7-1452671-3
MCON 1.2 LL REC SWS AG

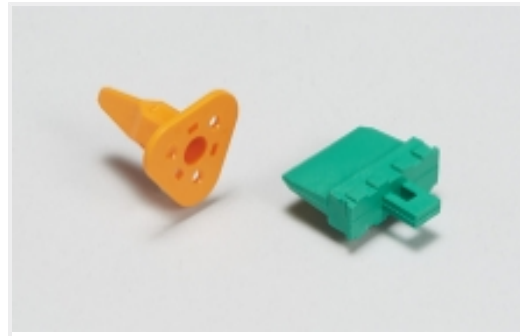


TE Part # 963143-1
MQS BLINDSTOPFEN

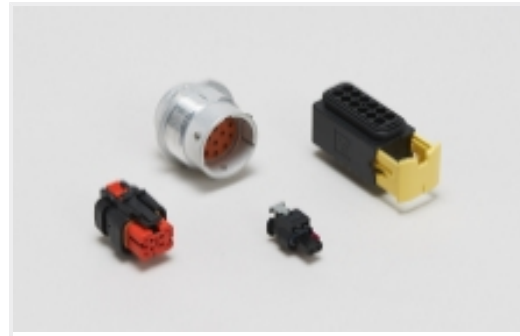
Also in the Series | MCON 1.2mm



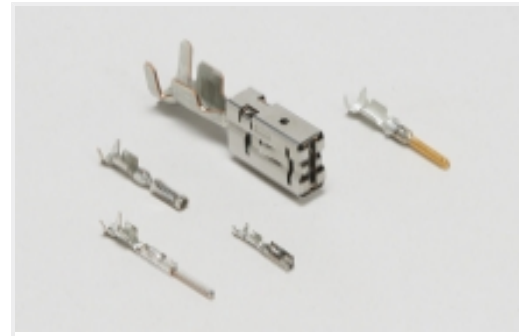
Automotive Connector Caps & Covers (18)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(318)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

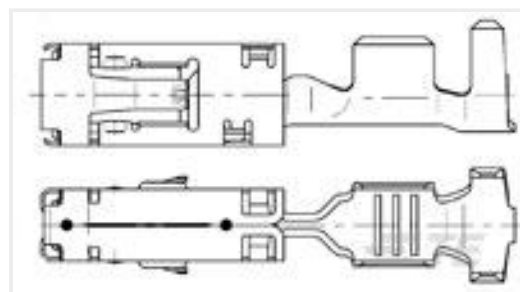
Customers Also Bought



TE Part #1-1924067-2
2POS, MCON 1.2 CB REC 2p TL SEALED



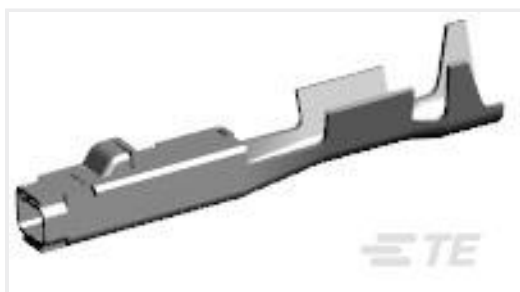
TE Part #174056-2
040 MULTILOCK PLUG 2P



TE Part #967541-1
2.8MM SENS FLA-KONT



TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



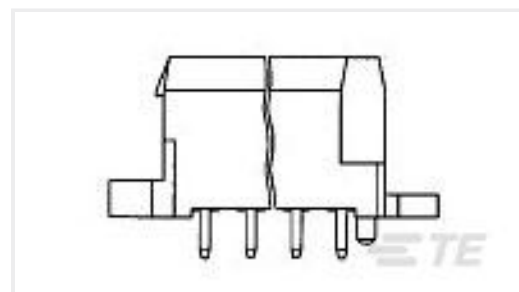
TE Part #1670144-3
MCON 1.2 CB REC SRC AG



TE Part #2005372-2
MT-II SLD 6P PLUG ASSY(A) BLK



TE Part #5-968220-5
MQS0,63 Au rec CB unseal. 0,2-0,35



TE Part #827468-1
25P MESSERLEISTE



TE Part #184207-1
2 POS. PLUG ASSY, KEY J



Documents

Product Drawings

[2POS, MCON 1.2 LL REC SEALED](#)

English

[2POS, MCON 1.2 LL REC SEALED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1670915-1_E_c-1-1670915-1-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1670915-1_E_c-1-1670915-1-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1670915-1_E_c-1-1670915-1-e.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English