

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

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

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

Operating Voltage	12 VDC
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Nominal Voltage Architecture 12 V

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

Product Compliance

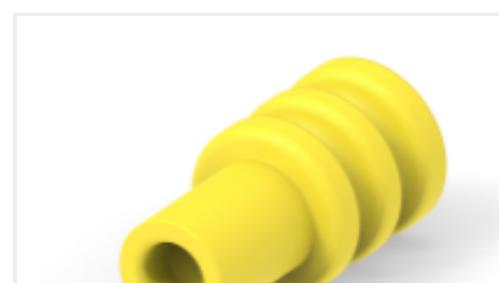
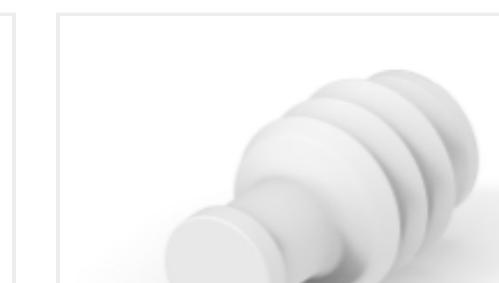
For compliance documentation, visit the product page on TE.com>

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

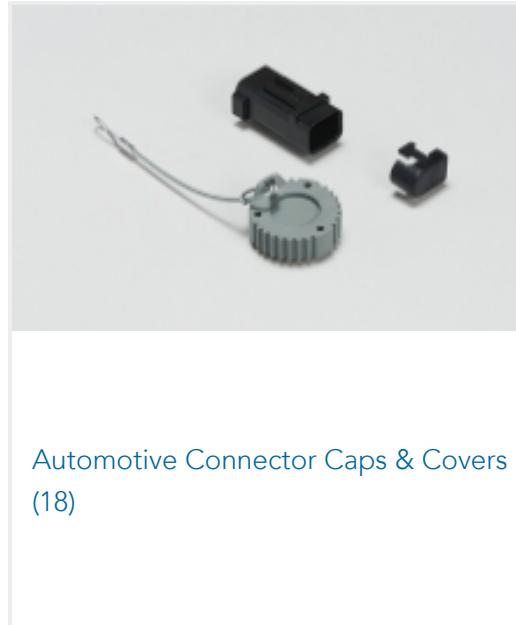
Product Compliance Disclaimer

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>

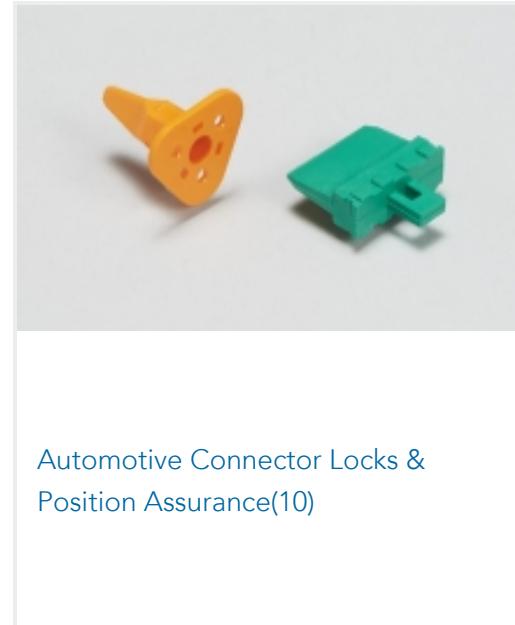
Compatible Parts

			
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

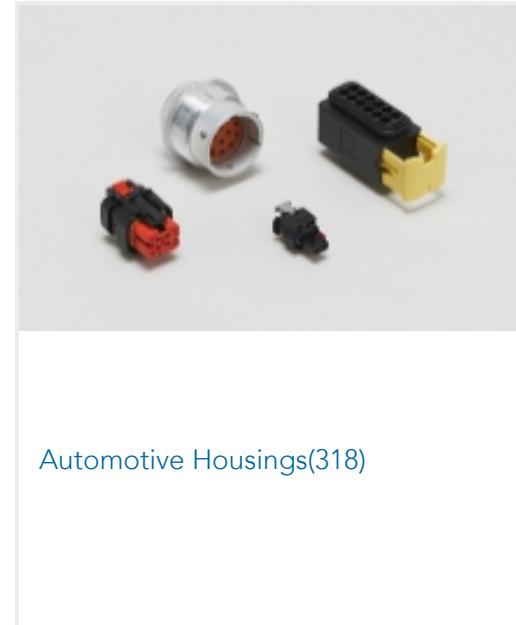
Also in the Series | MCON 1.2mm



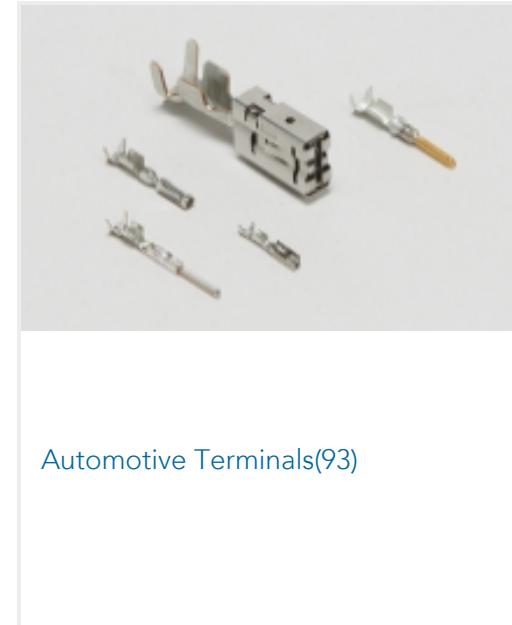
Automotive Connector Caps & Covers (18)



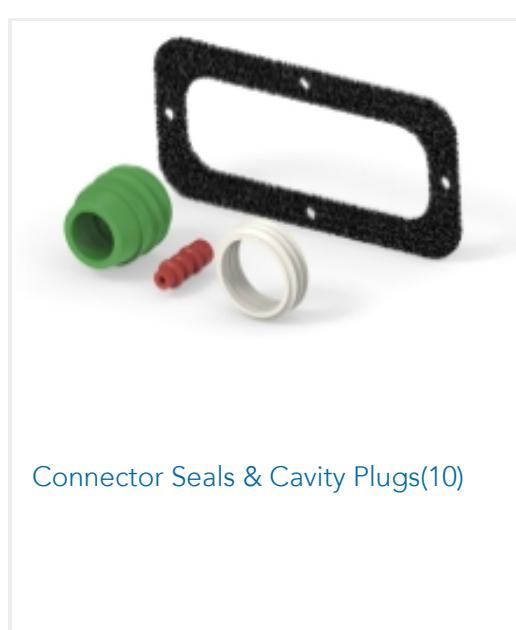
Automotive Connector Locks & Position Assurance(10)



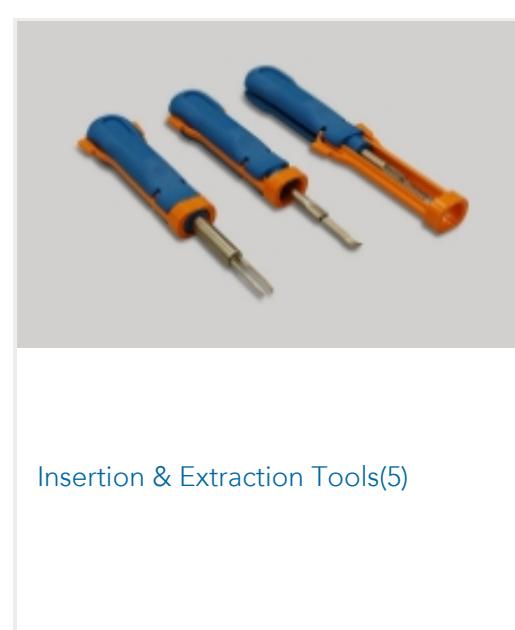
Automotive Housings(318)



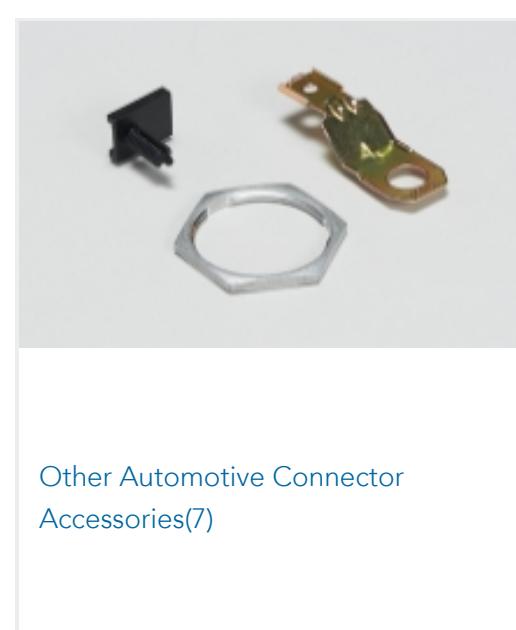
Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

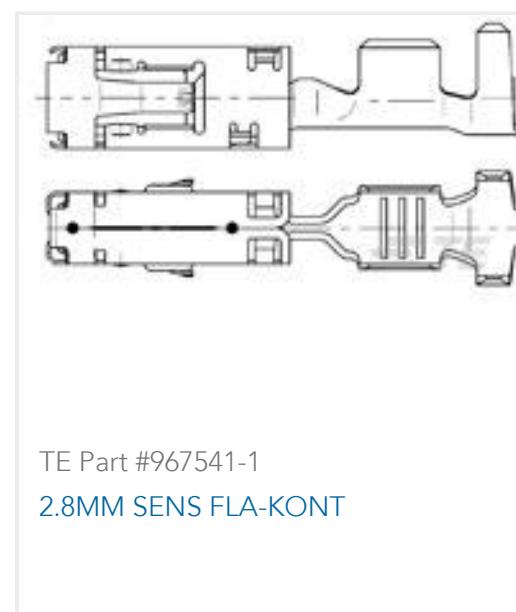
Customers Also Bought



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



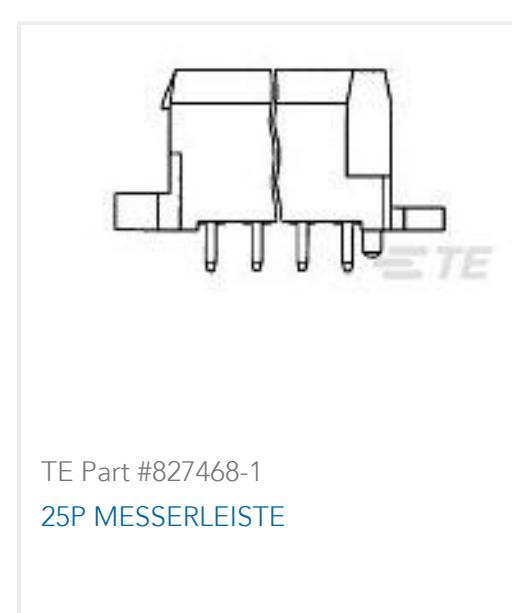
TE Part #1670144-3
MCON 1.2 CB REC SRC AG



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