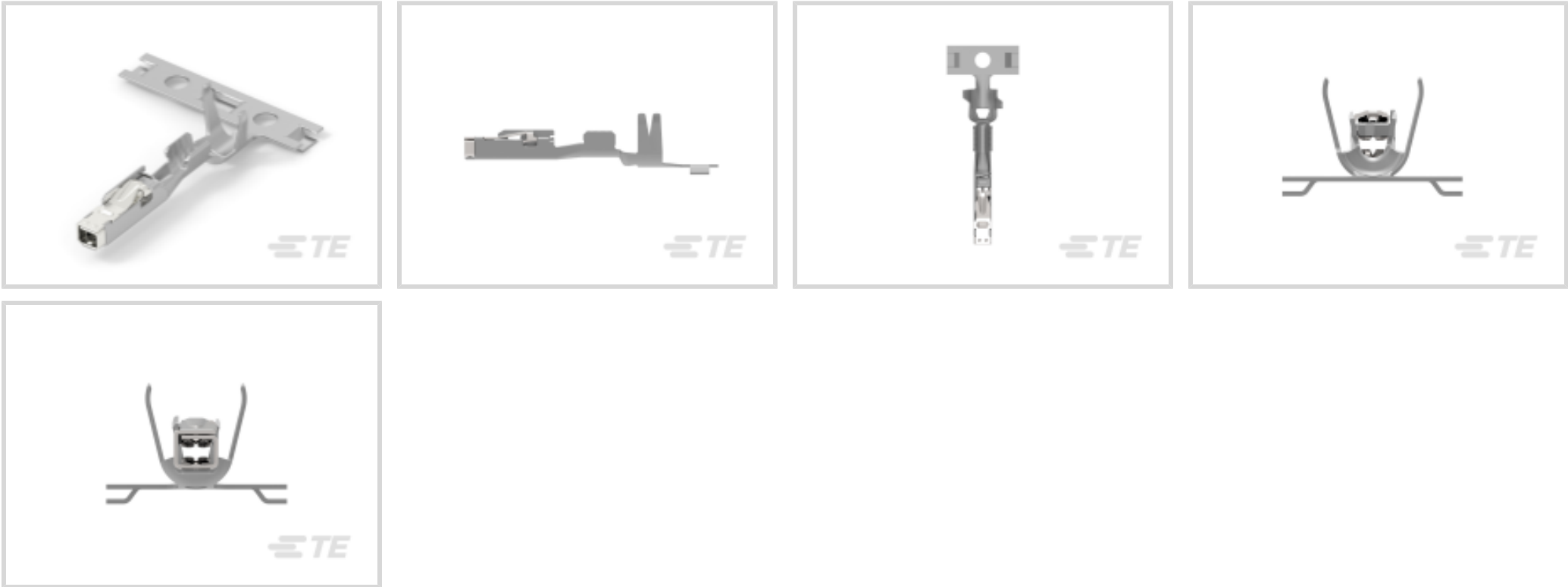




Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**

Mating Tab Width: **1.2 mm [.047 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

Terminal Transmits: **0 - 24 A (Low Power)**

Wire Size: **20 - 18 AWG**

[All MCON Receptacle and Tab \(83\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	16 A
Crimp Type	F-Crimp
Terminal Type	Receptacle



Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Silver (Ag)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 - 1.9 mm[.051 - .074 in]
Wire Size	.5 - .75 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 - 150 °C[-40 - 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

Other

Terminal Transmits	0 - 24 A (Low 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: JAN 2024 (240)
Candidate List Declared Against: JAN 2024 (240)
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 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 # 5-1579007-3 EXTRACTION TOOL	 TE Part # 1-1718811-1 2POS, MCON 1.2 LL REC SEALED	 TE Part # 1-1718646-1 6POS, MCON 1.2 LL REC SEALED	 TE Part # 1-1718806-1 5POS, MCON 1.2 LL REC SEALED
 TE Part # 2-1718644-1 3POS, MCON 1.2 LL REC SEALED	 TE Part # 1-1670919-1 6POS, MCON 1.2 LL REC SEALED	 TE Part # 1-1670921-1 5POS, MCON 1.2 LL REC SEALED	 TE Part # 1-1718645-1 4POS, MCON 1.2 LL REC SEALED



TE Part # 1-1670917-1
3POS, MCON 1.2 LL REC SEALED



TE Part # 1-1670915-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 1-1719393-1
8POS, MCON 1.2 LL REC SEALED



TE Part # 1801600-1
RECEPTACLE HOUSING, MCON, 10 W, SEALED



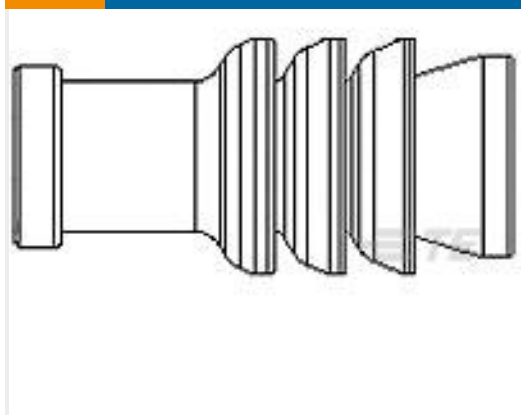
TE Part # 1-1718643-1
2POS, MCON 1.2 LL REC SEALED



TE Part # 1-1718644-1
3POS, MCON 1.2 LL REC SEALED



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 967067-2
MQS EINZELLEITDICHT



TE Part # 2332470-1
4POS,MCON 9.5,REC HSG ASSY,SLD, COD 1



TE Part # 1718760-3
MCON 1.2 LL TAB SWS AG

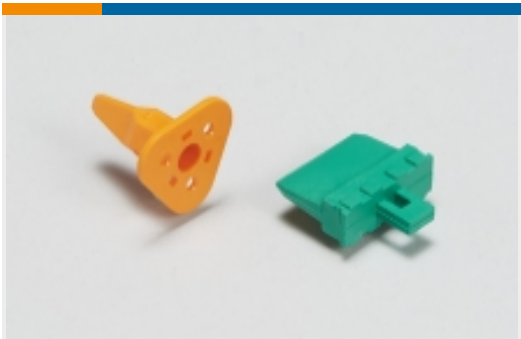


TE Part # 1801600-4
RECEPTACLE HOUSING, MCON, 10 W, SEALED

Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (21)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Terminals(104)



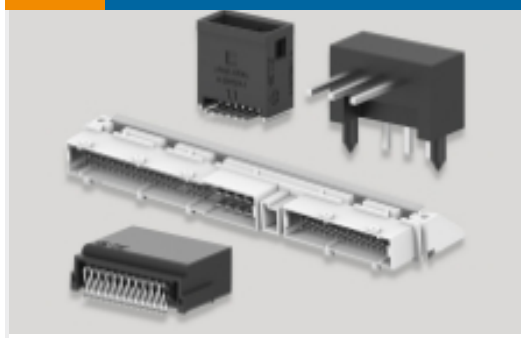
Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



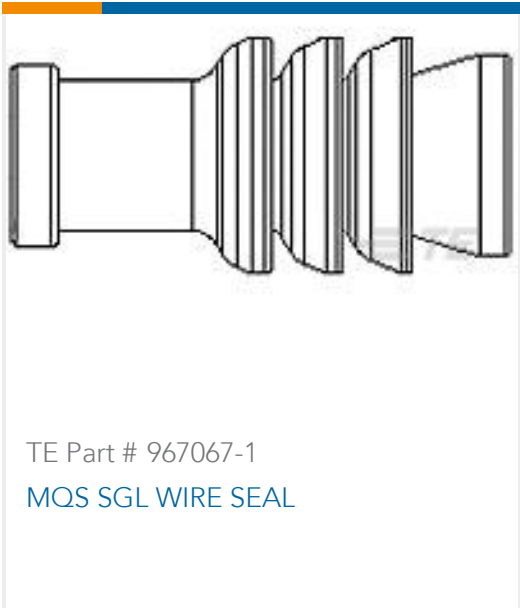
Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(2)

Customers Also Bought





TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 1718760-3
MCON Receptacle and Tab



TE Part # 2-1803095-3
FLOATING SHEAR, FRONT



TE Part # 2345104-1
4POS,NANOMQS,REC HSG ASSY,
COD A



TE Part # 368482-1
ABS CONN PLUG 25P ASSY(MANDO)



TE Part # 4-1803019-0
CRIMPER, INSULATION O



TE Part # 2358789-3

Documents

Product Drawings

MCON 1.2 LL REC SWS AG

German

MCON 1.2 LL REC SWS AG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1452668-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1452668-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1452668-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

Application Specification

English



Application Specification

German

Application Specification

English