



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: **23 - 22 AWG**

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

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	8.75 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	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	1.1 - 1.75 mm[.043 - .069 in]
Wire Size	.25 - .35 mm ²
Wire Size Search	22 AWG, 23 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °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	10000
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>

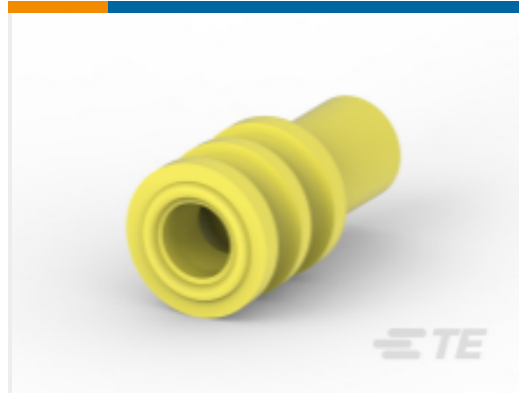
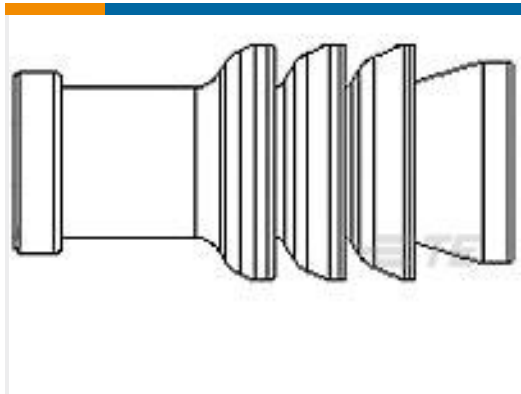
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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 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 # 1452426-1 EXTRACTION TOOL	 TE Part # 1579007-8 EXTRACTION TOOL	 TE Part # 9-1452380-9 96 POS. CONNECTOR ASSY	 TE Part # 964972-1 EINZELLEITERDICHUNG
 TE Part # 967056-1 MQS BLINDSTOPFEN4MM	 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING
 TE Part # 1718348-1 MCON 1.2 CB TAB STC SN	 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # 1-1579007-0 EXTRACTION TOOL	 TE Part # 8-1579008-4 EXTRACTION TOOL



TE Part # 9-1563173-9
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 2278584-1
67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180



TE Part # 9-2208656-9
58POS,MCON 1.2 CB,REC HSG,ASSY



TE Part # 2272975-1
6 Pos. Sealed MCON 1.2 Connect



TE Part # 2301462-1
30POS,HYBRID,REC HSG ASSY,SLD, COD A



TE Part # 9-1563172-9
58POS, MIXED,REC HSG,ASSY



TE Part # 1924393-1
14P MCON 1.2 SCCM Outer Housing

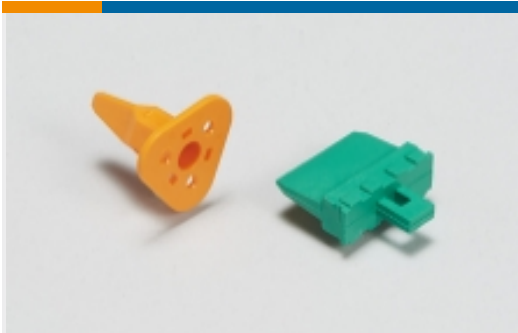


TE Part # 1924396-1
14P MCON 1.2 SCCM Inner Housing

Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (21)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Terminals(104)



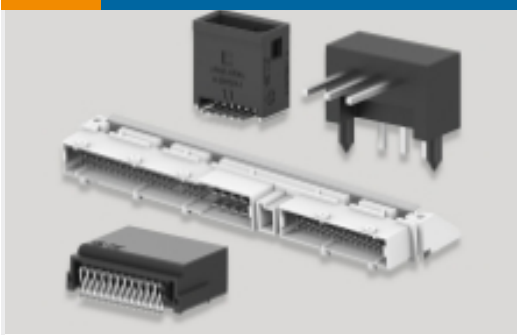
Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(2)

Customers Also Bought



TE Part # 1564980-1
AMP MCP 1.5K, CONTACT



TE Part # 1452503-1
MCON Receptacle and Tab



TE Part # 1394139-1
8POS MQS REC



TE Part # 5-1241608-1
MQS1,5 Sn rec CB unseal. 0,75-1,5

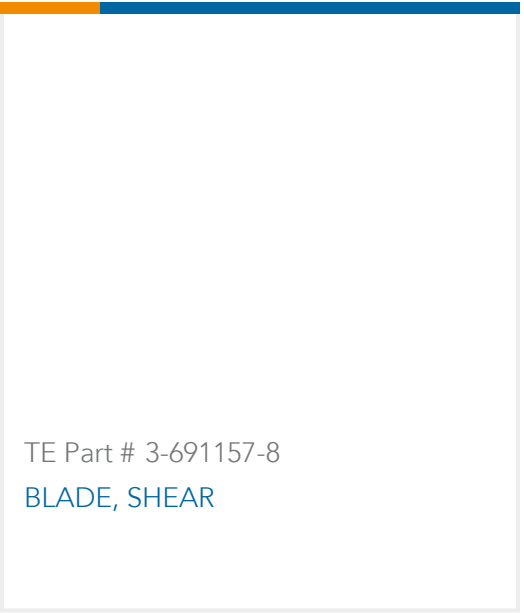




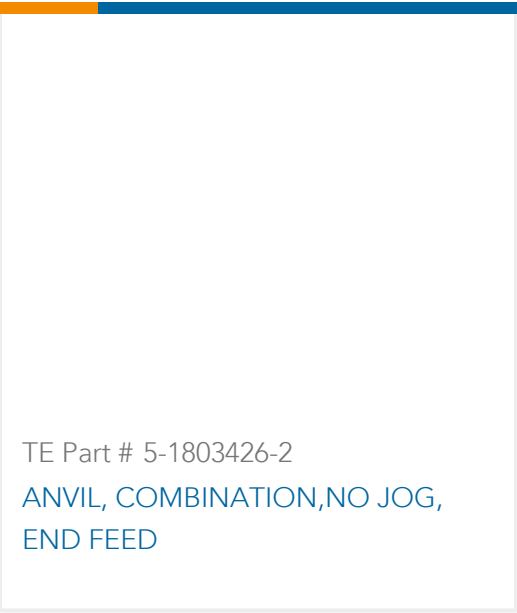
TE Part # 2298573-1
RETAINER, MCP2.8, FOR 22WAY



TE Part # 2837157-1
OCEAN_2.0_Applicator-S-110F155O-RSM



TE Part # 3-691157-8
BLADE, SHEAR



TE Part # 5-1803426-2
ANVIL, COMBINATION,NO JOG, END FEED

Documents

Product Drawings
MCON 1.2 CB REC SRC SN
German

CAD Files
Customer View Model
ENG_CVM_CVM_1534594-1_E.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1534594-1_E.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1534594-1_E.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