



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 \(64\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018)

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
Product Type Features	
Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body
Dimensions	
Compatible Insulation Diameter Range	1.1 – 1.75 mm[.043 – .069 in]
Wire Size	.25 – .35 mm ²
Wire Size Search	.3 mm ² , .25 mm ²
Contact Features	
Typical Current Rating	8.75 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Tin (Sn)
Other	
Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

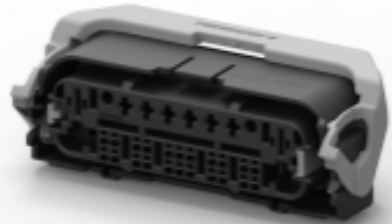
 TE Part # CAT-NC1-NMA12 NextGen & NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs	 TE Part # 1452426-1 EXTRACTION TOOL	 TE Part # 1579007-8 EXTRACTION TOOL	 TE Part # 9-1452380-9 96 POS. CONNECTOR ASSY
 TE Part # 964972-1 EINZELLEITERDICHTNG	 TE Part # CAT-AM705-CH8172 AMP MCP, 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



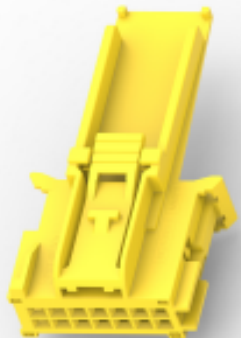
TE Part # 2272975-1
6 Pos. Sealed MCON 1.2 Connect



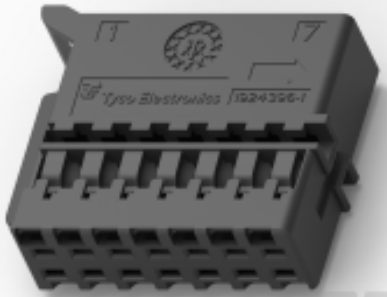
TE Part # 2301462-1
30POS,HYBRID,REC HSG ASSY,SLD,
COD A



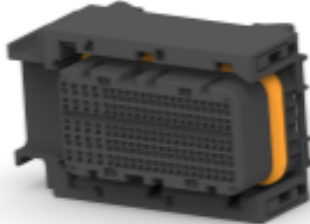
TE Part # 9-1563172-9
58POS, MIXED,REC HSG,ASSY



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



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



TE Part # 1-2208720-1
105POS,MCON 1.2 CB,REC HSG,
ASSY,SLD



TE Part # 1-2209520-1
46POS. REC. HSG ASS'Y

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers
(18)



Automotive Connector Locks &
Position Assurance(10)



Automotive Housings(324)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(13)



Insertion & Extraction Tools(5)

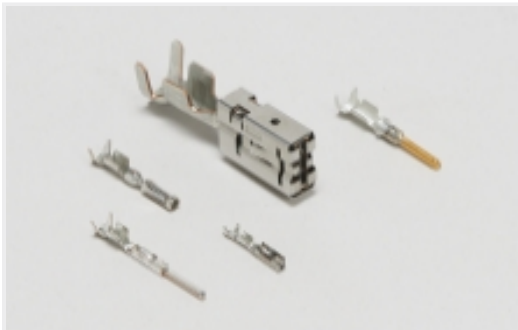


Other Automotive Connector
Accessories(7)

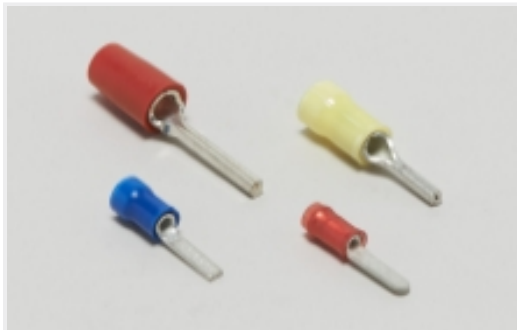
Also in the Series | AMP MCP Hybrid Coax



Automotive Housings(8)



Automotive Terminals(38)



Crimp Wire Pins, Tabs & Ferrules(2)

Customers Also Bought



TE Part #1670144-1
MCON Receptacle and Tab



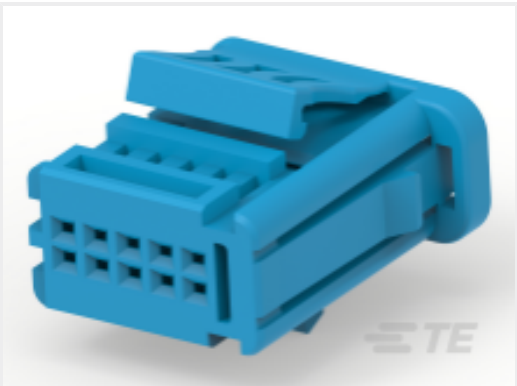
TE Part #1-2177909-1
MCON 0.5 CB, CONTACT



TE Part #1-1718643-4
2POS, MCON 1.2 LL REC SEALED



TE Part #2112668-1
23POS MIXED MQS REC



TE Part #2208339-3
10POS,NANOMQS,REC HSG,COD C



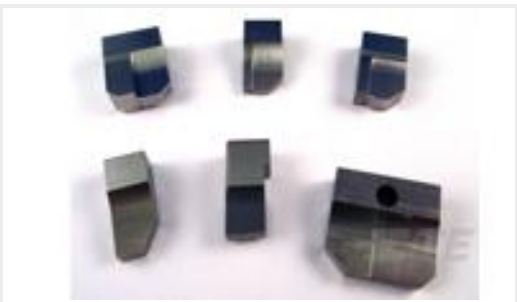
TE Part #2208709-1
91POS, MIXED,REC HSG,ASSY, SEALED



TE Part #7-1633927-9
ANVIL, COMBINATION



TE Part #7-1803751-1
ANVIL, COMBINATION



TE Part #8-1633384-2
ANVIL, COMBINATION

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

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English