



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 \(64\)](#)

Features

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	6500

Usage Conditions

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



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm [.055 – .075 in]
Wire Size	.5 – .75 mm²
Wire Size Search	.5 mm², .75 mm², .6 mm²

Contact Features

Typical Current Rating	11.75 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	1.2 mm [.047 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Silver (Ag)

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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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

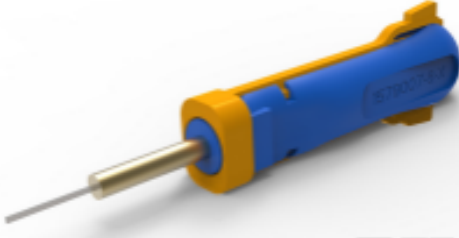
Product Compliance Disclaimer

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 # 1579007-8
EXTRACTION TOOL



TE Part # 2098557-1
2POS, MCON 1.2 CB REC 2p TL SEALED



TE Part # 1-1456426-1
4POS, MCON 1.2 CB REC 2p TL SEALED



TE Part # 1924292-5
6POS, MCON 1.2 CB REC 2p TL SEALED



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



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 2098582-1
WIRE SEAL,RUBBER,SENSOR, RED



TE Part # 2141116-3
MCON 1.2 CB TAB SWS AG



TE Part # 1-1579007-0
EXTRACTION TOOL



TE Part # 8-1579008-4
EXTRACTION TOOL



TE Part # 1-2203773-3
Plug Ass'y, 4P Sealed, Key C, CPA



TE Part # 1-2203771-1
3POS, MCON 1.2 CB REC 1p TL
SEALED



TE Part # 1-2203771-2
Plug Ass'y, 3P Sealed, Key B, CPA



TE Part # 2098541-2
3POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part # 2098557-4
2POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part # 4-2098541-1
3POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part # 1488992-5
3POS, MCON 1.2 CB REC 2p SL
SEALED



TE Part # 4-1488991-1
3POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part # 2098641-6
2POS, MCON 1.2 CB REC 2p SL
SEALED

Also in the Series | MCON 1.2mm



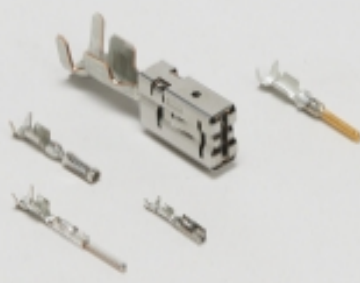
Automotive Connector Caps & Covers
(18)



Automotive Connector Locks &
Position Assurance(10)



Automotive Housings(324)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(13)



Insertion & Extraction Tools(5)

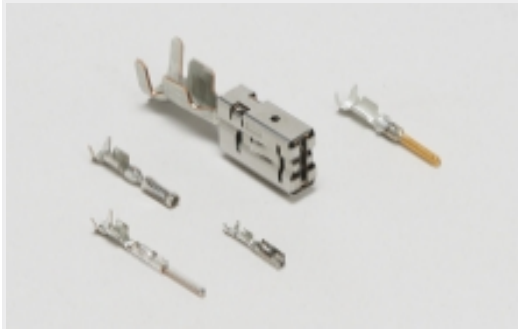


Other Automotive Connector
Accessories(7)

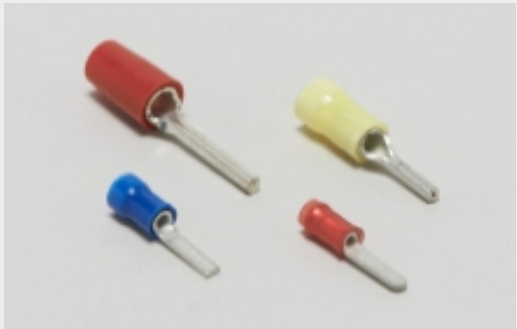
Also in the Series | AMP MCP Hybrid Coax



Automotive Housings(8)

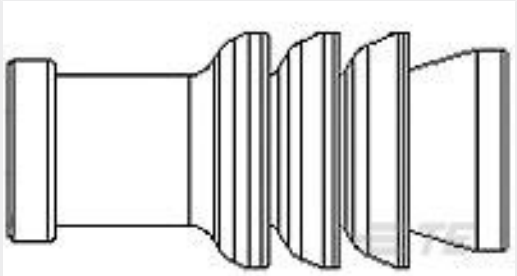


Automotive Terminals(38)

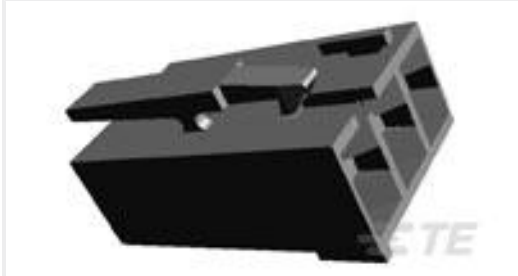


Crimp Wire Pins, Tabs & Ferrules(2)

Customers Also Bought



TE Part #967067-1
MQS SGL WIRE SEAL



TE Part #1-1241961-8
STD TIM HOUSING MKII 3POS



TE Part #1488991-6
3POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #2098582-1
WIRE SEAL, RUBBER, SENSOR, RED



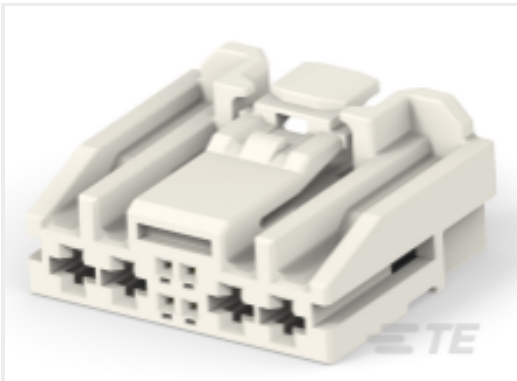
TE Part #178448-1
EJ-II DBL LOCK 2POS PLUG ASSY



TE Part #2-1564559-2
4POS, MCON 1.2 LL TAB SEALED COD B



TE Part #2272162-1
NextGen & NextGen Plus MCON 1.2 Locking Lance Accessories



TE Part #2188504-1
025/110 HYB 8P PLUG ASS'Y



TE Part #2272976-1
Left/Right Wire Dress

Documents

Product Drawings
MCON 1.2 CB REC SWS AG

English
MCON 1.2 CB REC SWS AG
German

CAD Files
Customer View Model
ENG_CVM_1670146-3_F2.3d_igs.zip



English

Customer View Model

[ENG_CVM_1670146-3_F2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1670146-3_F2.2d_dxf.zip](#)

English

[3D PDF](#)

English

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

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English

[Application Specification](#)

English