



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 \(65\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	11.75 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	Silver (Ag)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .075 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

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

Packaging Features

Packaging Quantity	6500
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



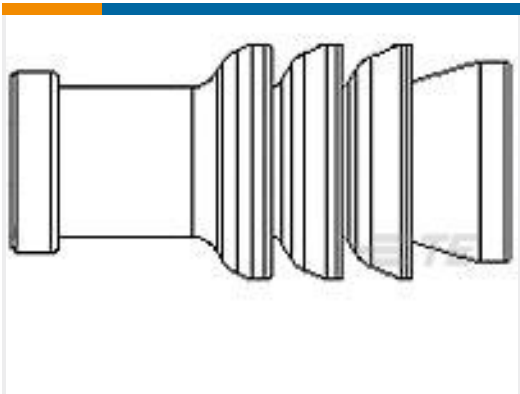
Does not contain REACH SVHC

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 # 967067-1 MOS SGL WIRE SEAL	 TE Part # 967067-2 MOS EINZELLEITDICHT	 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

Also in the Series | AMP MCP Hybrid Coax

Automotive Housings(8)

Automotive Terminals(38)

Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | MCON 1.2mm

Automotive Connector Caps & Covers (18)

Automotive Connector Locks & Position Assurance(10)

Automotive Housings(328)

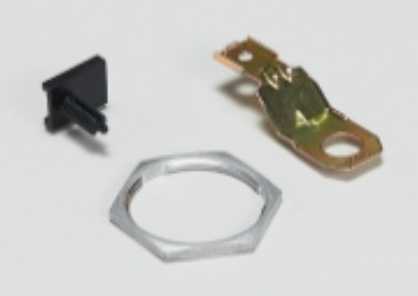
Automotive Terminals(96)



Connector Seals & Cavity Plugs(11)

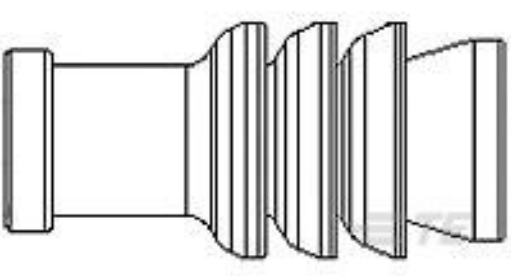


Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

Customers Also Bought



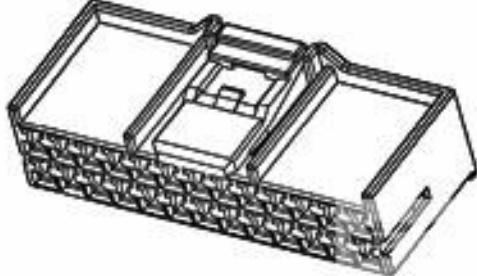
TE Part #967067-1
MQS SGL WIRE SEAL



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



TE Part #2-1564559-1
4POS, MCON 1.2 LL TAB SEALED COD B



TE Part #936233-1
090III 8P PLUG ASSY



TE Part #CC0543-000
FL2500 Heat Shrink Tubing



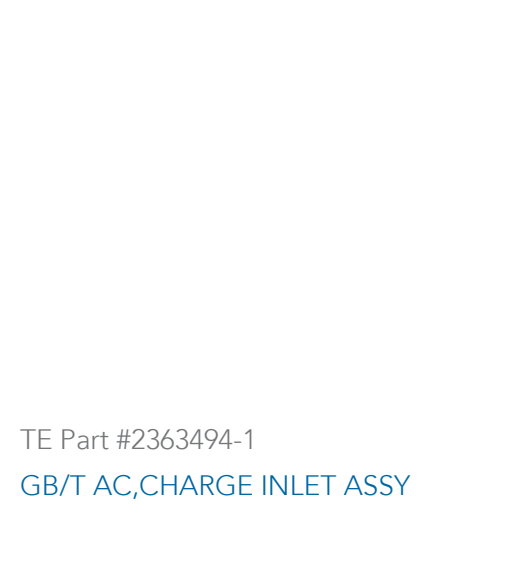
TE Part #2309463-1
9POS, HYBRID, HDR INNER HSG, COD NEUT



TE Part #2358558-4
STEEL, SHIELD, IPT, CONN HSG



TE Part #2361005-4
RING TONGUE TRMNL, 50MMSQ



TE Part #2363494-1
GB/T AC, CHARGE INLET ASSY

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

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English

[Application Specification](#)

English