



MCON | MCON 1.2mm

TE Internal #: 7-1452665-3

Receptacle, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .6 mm [.024 in], 23 – 22 AWG Wire Size, MCON 1.2mm, Automotive Terminals

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Terminals & Splices > Automotive Terminals > MCON 1.2 Locking Lance Receptacle and Tab Terminals



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 1.2 Locking Lance Receptacle and Tab Terminals \(18\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Usage Conditions

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

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.75 mm [.043 – .069 in]
Wire Size	.25 – .35 mm²
Wire Size Search	.3 mm², .25 mm²

Contact Features

Typical Current Rating	10 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	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 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 # CAT-NC1-NMA12 NextGen & NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs	 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 # 1-1670921-1 5POS, 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 # 963142-2
SWS,MQS,CVTY DIA,4.0,GRY



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



TE Part # CAT-N14-NMRH12128
NextGen MCON 1.2, 1-row, 2-8 POS Receptacle Housing, Sealed



TE Part # 1718758-3
MCON 1.2 LL TAB SWS AG



TE Part # CAT-N14-NMRHS1223
NextGen Plus MCON 1.2, 1-row, 2-8 POS REC HSG, Sealed, Sustainable

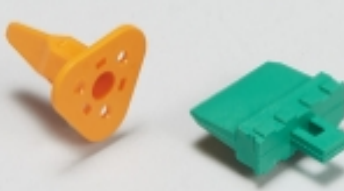


TE Part # 1801600-4
RECEPTACLE HOUSING, MCON, 10 W, SEALED

Also in the Series | **MCON 1.2mm**



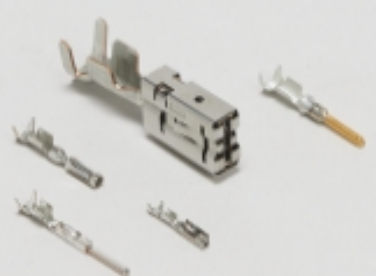
Automotive Connector Caps & Covers (18)



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)

Customers Also Bought



TE Part #967067-2
MQS EINZELLEITDICHT

TE Part #1241406-1
AMP MCP 6.3/4.8K, CONTACT

TE Part #7-1452671-3
MCON 1.2 Locking Lance Receptacle and Tab Terminals

TE Part #2141824-1
MQS0,63 Sn rec LL unseal. 0,13-0,17

TE Part #1544978-2
RECEPT HSG ASSY, 8MM NG1+, 2W, SEALED

TE Part #4-1333203-2
ANVIL, COMB. (.070)

TE Part #6-2363662-1
8POS,AMP MCP1.5K,REC HSG,ASSY

TE Part #7-456404-2
CRIMPER, WIRE .070 F PREMIUM

TE Part #690753-2
SPACER, TONKER

Documents

- Product Drawings
- MCON 1.2 LL REC SWS AG
- English
- MCON 1.2 LL REC SWS AG
- English

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_7-1452665-3_A.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_7-1452665-3_A.3d_igs.zip
- English
- Customer View Model
- ENG_CVM_CVM_7-1452665-3_A.3d_stp.zip
- English

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



Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English