



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



Terminal Type: **Receptacle**
Wire Size: **17 – 15 AWG**
Mating Tab Width: **1.2 mm [.047 in]**
Interface Plating: **Tin (Sn)**

[All MCON 1.2 Locking Lance Receptacle and Tab Terminals \(14\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	25 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]



Interface Plating	Tin (Sn)
Mating Tab Thickness	.6 mm[.024 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.6 – 2.4 mm[.063 – .094 in]
Wire Size	17 – 15 AWG
Wire Size Search	1 mm², 1.25 mm², 1.5 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

Other

Terminal Transmits	25 – 40 A (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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1801600-5
RECEPTACLE HOUSING, MCON, 10 W, SEALED

TE Part # 1-2141564-0
10POS, MIXED,REC HSG,ASSY, SEALED,BU

TE Part # CAT-N14-RC4812
48V Ready 1.2mm Sealed Connectors

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

TE Part # 7-2266356-7
OC-070F130O-752-CRIMPTOOLINGKIT

TE Part # 2151049-1
OCEAN_2.0_APPLICATOR-S-070F130O-RSM

TE Part # 2236047-2
32POS,MIXED,RECEPTACLE CONNECTOR,COD B

TE Part # 2-1670919-1
6POS, MCON 1.2 LL REC SEALED





TE Part # 1801600-1
RECEPTACLE HOUSING, MCON, 10 W, SEALED



TE Part # 1-1718644-5
3POS, MCON 1.2 LL REC SEALED



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



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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



TE Part # 1-1670917-1
3POS, MCON 1.2 LL REC SEALED



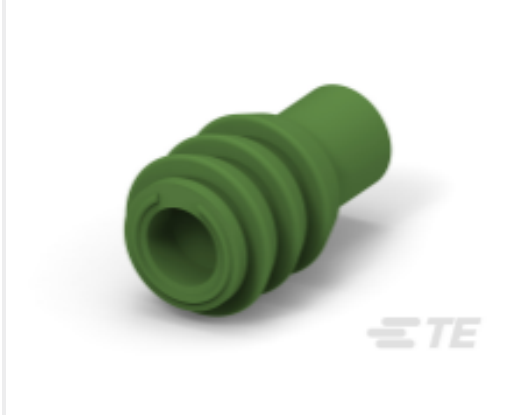
TE Part # 5-2151049-2
OCEAN_2.0_APPLICATOR-S-070F130O-RSA



TE Part # 4-2236343-5
3POS, MCON 1.2 LL REC SEALED



TE Part # 5-2236896-5
2POS, MCON 1.2 LL REC SEALED



TE Part # CAT-NC1-MVA1248
MCON 1.2 48 Volt Accessories



TE Part # 1718762-1
MCON 1.2 LL TAB SWS SN

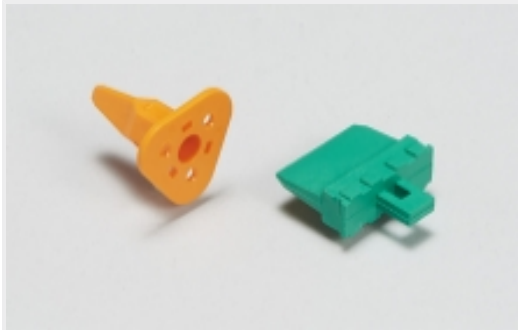


TE Part # 1-1718646-1
6POS, MCON 1.2 LL REC SEALED

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (15)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(312)



Automotive Terminals(85)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(8)

Customers Also Bought



TE Part #2-2322190-1
18POS,AMP MCP 2.8,REC HSG ASSY, COD B

TE Part #2354957-1
Matenet Sealed Inliner Assy, Code A

TE Part #7-1452665-3
MCON 1.2 LL REC SWS AG

TE Part #1718762-1
MCON 1.2 LL TAB SWS SN

TE Part #CAT-NC1-MVA1248
MCON 1.2 48 Volt Accessories

TE Part #T4151210005-005
RPC-M12-MR-5CON-PVC-5.0

TE Part #2-2322192-1
18POS,2.8X0.8,TAB HSG,COD B

TE Part #1801600-1
RECEPTACLE HOUSING, MCON, 10 W, SEALED

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

Documents

Product Drawings
MCON 1.2 LL REC SWS SN

German
MCON 1.2 LL REC SWS SN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_7-1452671-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_7-1452671-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_7-1452671-1_A.3d_stp.zip
English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English