



Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**

Interface Plating: **Tin (Sn)**

Mating Tab Width: **1.2 mm [.047 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

[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, DIN 72036 Automation of Wiring Harness Production per Version June 2024

Packaging Features

Packaging Method	Reel
Packaging Quantity	9000

Usage Conditions

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



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm[.051 – .074 in]
Wire Size	.5 – .75 mm²
Wire Size Search	.5 mm², .75 mm², .6 mm²

Contact Features

Typical Current Rating	16 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Interface Plating	Tin (Sn)
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]

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 # 1563123-1
10POS, MIXED,REC HSG

TE Part # 2151037-1
OCEAN_2.0_APPLICATOR-S-055F072SP-RSM

TE Part # 7-2151037-7
OCEAN_2.0_SPARE_PART_KIT-055F072SP

TE Part # 1563125-1
10POS, MIXED,TAB HSG

TE Part # 5-1579007-3
EXTRACTION TOOL

TE Part # 2-1670916-1
2POS, MCON 1.2 LL REC SEALED

TE Part # 2366036-4
48POS,MCON 1.2,REC HSG ASSY, UNSLD,COD D

TE Part # 1563123-2
10POS, MIXED,REC HSG



Also in the Series

MCON 1.2mm

Customers Also Bought

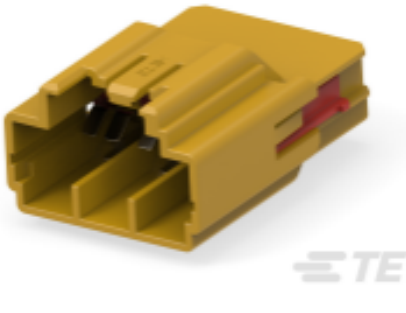




TE Part #2266332-2
OCEAN_2.0_APPLICATOR-S-046FA-SSA



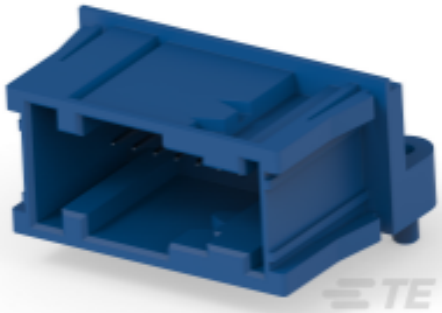
TE Part #7-2266332-7
OCEAN_2.0_SPARE_PART_KIT-046F



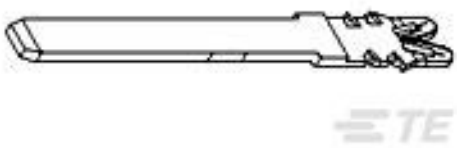
TE Part #3-1719040-1
1X8 POS GET-MALE-CONNECTOR, CONN KIT



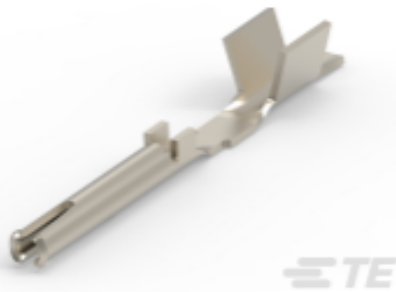
TE Part #EM4493-000
SCT-NO.0-E8-0-50MM



TE Part #6-1379731-3
18pos MQS .63 header 90deg THR



TE Part #1601112-2
131-187-014=TAB,110X032,STDSMZ



TE Part #1418990-1
SOCKET CONTACT PLUG

TE Part #AKA034N00620204000
623 EXTENSION, SPEEDTEC-READY

TE Part #7-2276192-7
Applicator KIT

TE Part #964280-6
JPT A REC 2.8 Contact SRC Ag

Documents

Product Drawings
MCON 1.2 LL REC SRC SN
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_7-1452656-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_7-1452656-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_7-1452656-1_A.3d_stp.zip
English

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Product Specifications



Application Specification

German

Application Specification

English

Application Specification

English