



MCON | MCON 1.2mm

TE Internal #: 7-1452656-3

Receptacle Terminal, 20 – 18 AWG, .5 – .75 mm² Wire, 1.2 mm [.047 in] Tab Width, Silver (Ag), .6 mm [.024 in] Tab Thickness, Unsealed, MCON 1.2mm

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Automotive Parts > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**
Wire Size: **20 – 18 AWG**
Mating Tab Width: **1.2 mm [.047 in]**
Interface Plating: **Silver (Ag)**

[All MCON Receptacle and Tab \(63\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Body Features

Terminal Seal Type	Unsealed
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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
Mating Tab Width	1.2 mm[.047 in]



Interface Plating	Silver (Ag)
Mating Tab Thickness	.6 mm[.024 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .074 in]
Wire Size	20 – 18 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm²
Tab Length	16 mm[.63 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °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	DIN 72036
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Packaging Features

Packaging Method	Reel
Packaging Quantity	9000

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

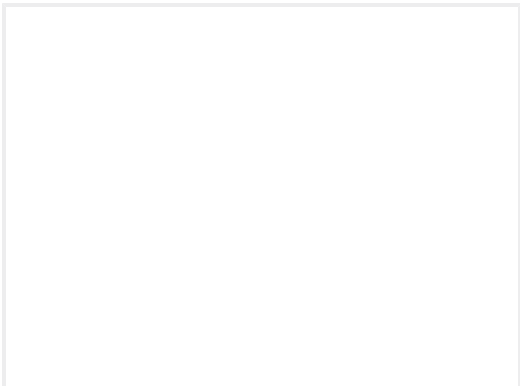


China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2371250-1
CHERY DHT 24P TRANS CABLE ASSY



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 # 2278770-2
8P SOCKET HOUSING



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



TE Part # 5-1579007-3
EXTRACTION TOOL

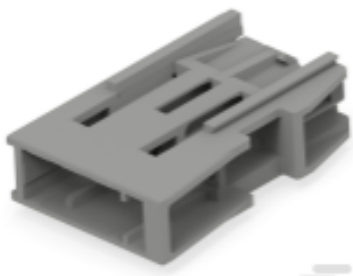


TE Part # 2-1670442-9
38POS,MIXED,REC. HSG



TE Part # 2151037-2
OCEAN_2.0_APPLICATOR-S-055F072SP-RSA





TE Part # 2382878-2
3POS,1.2X0.63,TAB HSG,UNSLD,COD B



TE Part # 5-1418760-3
MCON 1.2 LL TAB STC AG



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

TE Part # 2371431-2
BYD DHT thru wall cable

TE Part # 2371431-1
BYD DHT thru wall cable

TE Part # 2393286-1
DAE A8R50 Thru-wall CABLE ASSY



TE Part # 1-1670919-3
6POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part # 2382871-4
16POS,MCON 1.2,REC HSG ASSY, UNSLD, CODE D



TE Part # 2382871-3
16POS,MCON 1.2,REC HSG ASSY, UNSLD, CODE C



TE Part # 2382877-2
3POS,MCON 1.2,REC HSG,UNSLD, COD B



TE Part # 2382877-3
3POS,MCON 1.2,REC HSG,UNSLD, COD C



TE Part # 2278770-1
4P SOCKET HOUSING

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (15)



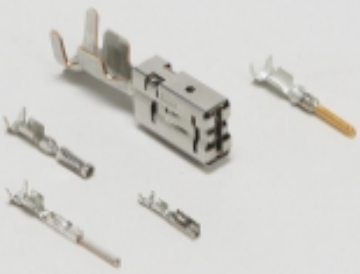
Automotive Connector Locks & Position Assurance(9)



Automotive Housings(354)



Automotive Signal & Power Connector Housings(350)



Automotive Terminals(90)



Other Automotive Connector Accessories(12)

Customers Also Bought





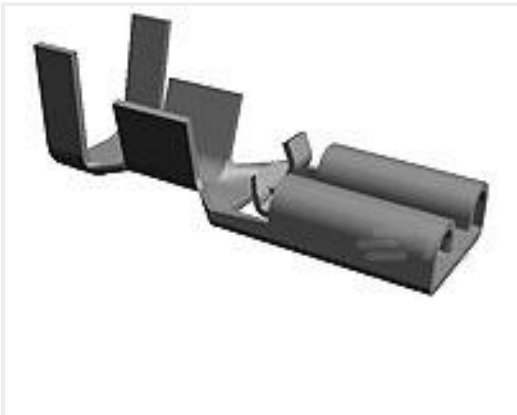
TE Part #316834-2
040 SEALED TAB CONT. S / GOLD



TE Part #5-962886-2
MQS0,63 Au tab LL EDS 0,2-0,5



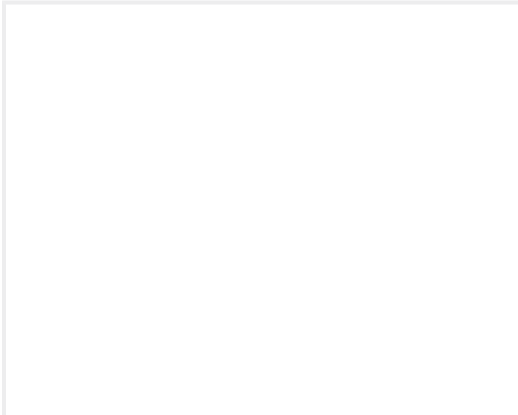
TE Part #5-963715-5
MQS0,63 Au rec LL unseal. 0,5-0,75



TE Part #1217097-2
PL 187 TERMINAL REC 22-18 AWG TPBR



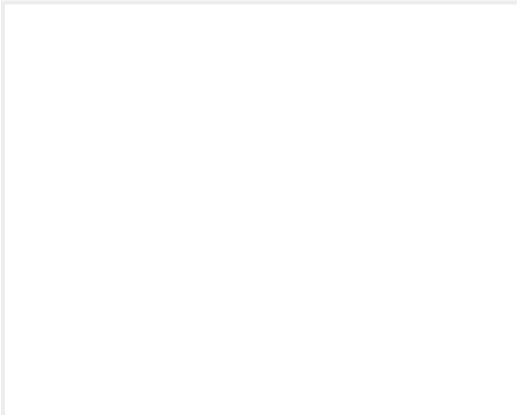
TE Part #1803143-1
CRIMPER, INSUL O



TE Part #4-238011-1
BLOCK, CRIMPER SPACER



TE Part #2-240641-0
SPACER,SLUG BLADE(165)



TE Part #4-1803464-7
CRIMPER, INSULATION O



TE Part #3-2844962-0
SPACER, CYLINDRICAL, STRIP GUIDE

Documents

Product Drawings
MCON 1.2 LL REC SRC AG
English

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