



MCON | MCON 1.2mm

TE Internal #: 5-1418758-2

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

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**
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 Receptacle and Tab \(65\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.75 mm[.043 – .069 in]
--------------------------------------	-------------------------------



Wire Size	.25 – .35 mm²
Wire Size Search	22 AWG, 23 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	9000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
--------------------	----------------------

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

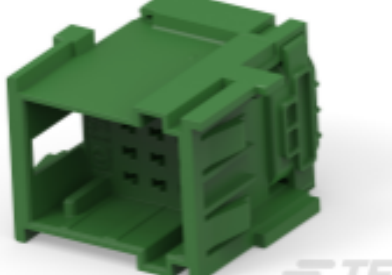
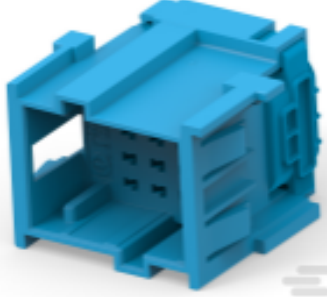
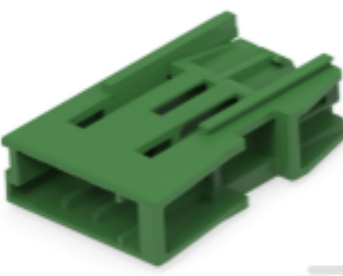
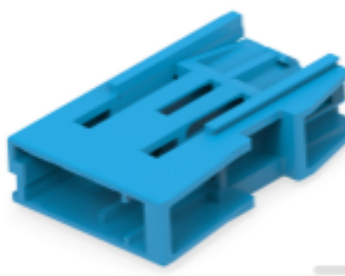
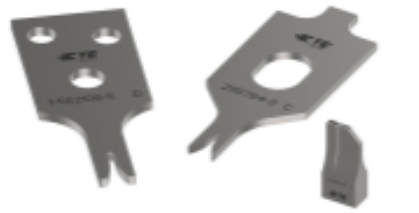
Product Compliance Disclaimer

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 # 5-1579007-3 EXTRACTION TOOL	 TE Part # 7-1452653-2 MCON 1.2 LL REC SRC AU	 TE Part # 2151311-1 OCEAN_2.0 APPLICATOR-S-050F070O-RSM	 TE Part # 2151311-2 OCEAN_2.0 APPLICATOR-S-050F070O-RSA
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2382874-1 16POS, 1.2X0.63, TAB HSG ASSY, UNSLD, COD A	 TE Part # 2382874-2 16POS, 1.2X0.63, TAB HSG ASSY, UNSLD, COD B	 TE Part # 2382874-3 16POS, 1.2X0.63, TAB HSG ASSY, UNSLD, COD C
 TE Part # 2382874-4 16POS, 1.2X0.63, TAB HSG ASSY, UNSLD, COD D	 TE Part # 2382878-1 3POS, 1.2X0.63, TAB HSG, UNSLD, COD A	 TE Part # 2382878-3 3POS, 1.2X0.63, TAB HSG, UNSLD, COD C	 TE Part # 2382878-4 3POS, 1.2X0.63, TAB HSG, UNSLD, COD D
 TE Part # 5-2151311-1 OCEAN_2.0 APPLICATOR-S-050F070O-RSM	 TE Part # 5-2151311-2 OCEAN_2.0 APPLICATOR-S-050F070O-RSA	 KIT TE Part # 7-2151311-7 OCEAN_2.0 SPARE PART KIT-050F070O	 KIT TE Part # 7-2266367-7 OC-050F070O-752-CRIMPTOOLINGKIT





TE Part # 2-2236952-5
2POS, MCON 1.2 LL TAB SEALED
COD B

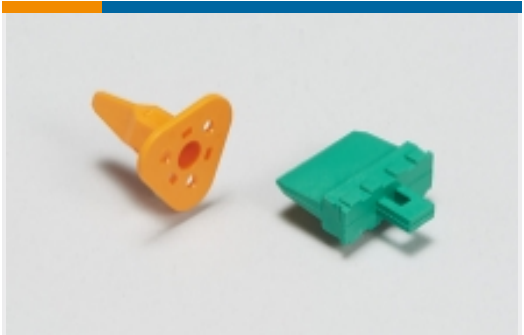


TE Part # 1-2141324-4
6POS, MCON 1.2 LL TAB SEALED
COD A

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)

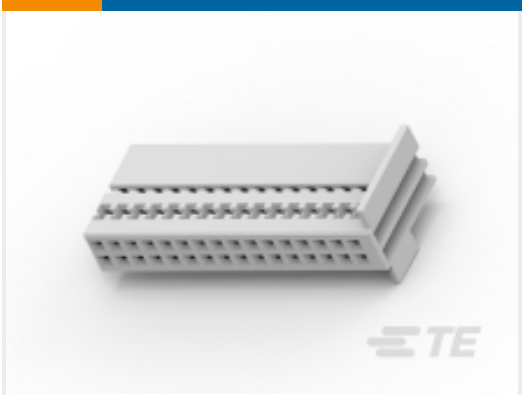


Insertion & Extraction Tools(5)



Other Automotive Connector
Accessories(7)

Customers Also Bought



TE Part #1719059-1
32POS MQS REC



TE Part #1-2177909-1
MCON 0.5 CB, CONTACT



TE Part #1-2177909-2
MCON 0.5 CB, CONTACT



TE Part #2141884-2
TAB A 1.6x0.6 CONTACT CF SWS Sn



TE Part #5-1241410-1
AMP MCP 6.3/4.8K, CONTACT, SWS



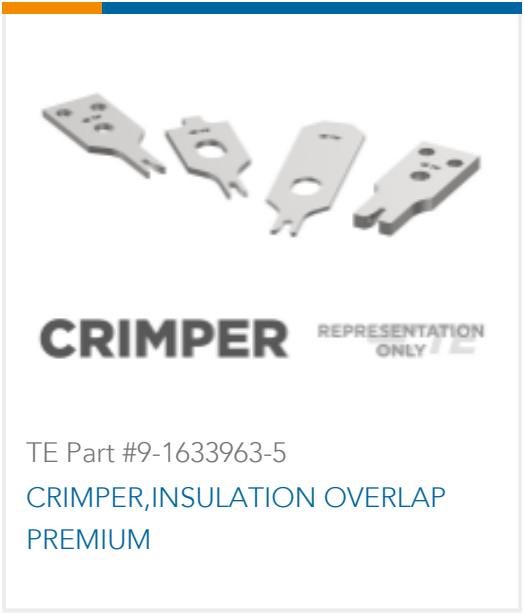
TE Part #2141155-3
PROTEC. COVER 8MM HV,90DEG



TE Part #1-969489-4
6POS MQS REC COD A



TE Part #2112668-1
23POS MIXED MQS REC



Documents

Product Drawings

MCON 1.2 LL TAB STC AU

English

MCON 1.2 LL TAB STC AU

English

MCON 1.2 LL TAB STC AU

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-1418758-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1418758-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1418758-2_B.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