



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: **17 - 15 AWG**

[All MCON Receptacle and Tab \(83\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
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	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
Dimensions	
Compatible Insulation Diameter Range	1.9 - 2.4 mm[.075 - .094 in]
Wire Size	1 - 1.5 mm²
Wire Size Search	15 AWG, 16 AWG, 17 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]
Operation/Application	
Compatible With Wire Base Material	Copper
Industry Standards	
Compatible With Agency/Standards Products	LV214
Packaging Features	
Packaging Quantity	6000
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



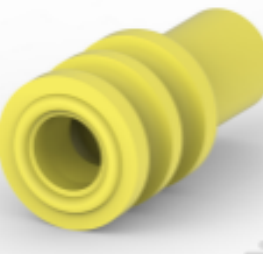
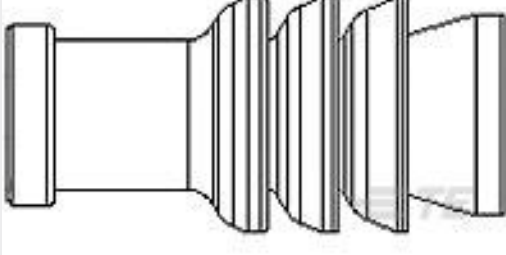
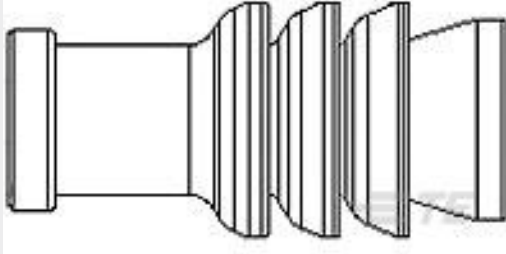
Solder Process Capability

Not applicable 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 # 2-1703498-3 2POS, MCON 1.2 LL TAB SEALED COD B	 TE Part # 2-1703494-1 3POS, MCON 1.2 LL TAB SEALED COD B	 TE Part # 1-1703494-1 3POS, MCON 1.2 LL TAB SEALED COD A
 TE Part # 1-2141324-1 6POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 1-1703498-4 2POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 964972-1 EINZELLEITERDICHTNG	 TE Part # 963142-2 SWS, MQS, CVTY DIA, 4.0, GRY
 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELITDICHT	 TE Part # 7-1452671-1 MCON 1.2 LL REC SWS SN	 TE Part # 2151480-1 OCEAN_2.0_APPLICATOR-S- 070F130SP-RSM



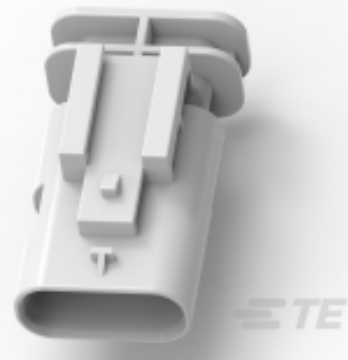
TE Part # 3-1579028-8
EXTRACTION TOOL



TE Part # 5-1579018-6
INSERTION TOOL



TE Part # 1-1703498-2
2POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 2-1564559-1
4POS, MCON 1.2 LL TAB SEALED
COD B



TE Part # 1-2141520-1
5POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 2-1564559-4
4POS, MCON 1.2 LL TAB SEALED
COD B



TE Part # 1-1564559-1
4POS, MCON 1.2 LL TAB SEALED
COD A

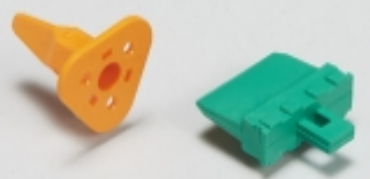


TE Part # 1-1703494-4
3POS, MCON 1.2 LL TAB SEALED
COD A

Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers
(21)



Automotive Connector Locks &
Position Assurance(11)



Automotive Housings(288)



Automotive Terminals(104)



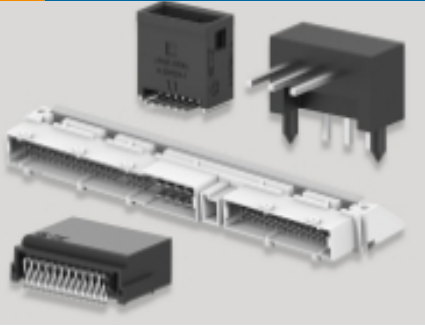
Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



Other Automotive Connector
Accessories(2)

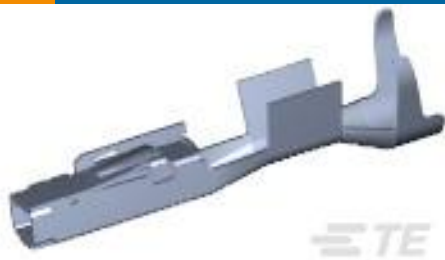


PCB Headers & Receptacles(2)

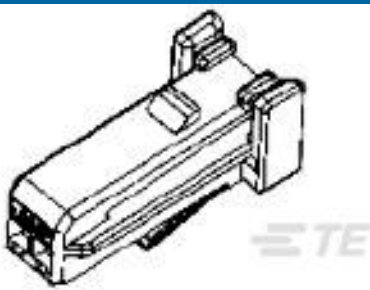
Customers Also Bought



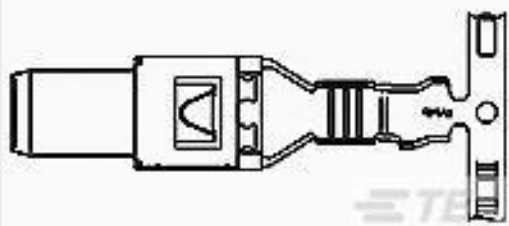
TE Part # 284858-1
12 POS MALE HOUSING ASS'Y



TE Part # 7-1452671-1
MCON 1.2 LL REC SWS SN



TE Part # 1473143-1
025 PLUG HSG 2P



TE Part # 968131-2
PQ5,2 Sn tab LL unseal. >1,0-2,5





TE Part # 2-1318384-0
High Pin Count Header



TE Part # 2297907-1
12 WAY IN-LINE REC PLUG ASSY



TE Part # 936286-2
CLIP FOR 090III CONN BLACK



TE Part # 963142-4
MQS SINGLE-WIRE SEAL FOR 4MM

Documents

Product Drawings

MCON 1.2 LL TAB SWS SN

English

CAD Files

Customer View Model

ENG_CVM_CVM_1718762-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718762-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718762-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English