



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 \(103\)](#)

Features

Product Type Features

Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
--------------------	------------------------

Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Silver (Ag)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Compatible Insulation Diameter Range	1.1 – 1.6 mm[.043 – .063 in]
Wire Size	.25 – .35 mm ²
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

Compatible With Wire Base Material	Copper
------------------------------------	--------

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

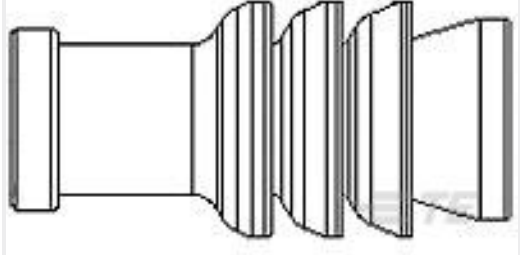
Product Compliance Disclaimer

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>

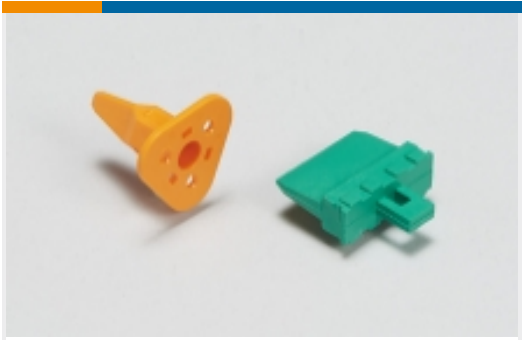
Compatible Parts

 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # 2203770-1 Cap Ass'y, 2P Sealed, Key A	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 1418844-3 MCON 1.2 CB REC SWS AG
 TE Part # 2297911-1 12 WAY IN-LINE TAB PLUG ASSY	 TE Part # 2203770-3 Cap Ass'y, 2P Sealed, Key C	 TE Part # 2203772-1 3POS, MCON 1.2 CB TAB 1p TL SEALED	 TE Part # 2203774-1 4POS, MCON 1.2 CB TAB 1p TL SEALED
 TE Part # 2151596-1 OCEAN_2.0_APPLICATOR-S-050F120O	 TE Part # 2151596-2 OCEAN_2.0_APPLICATOR-S-050F120O	 TE Part # 2203770-2 2POS, MCON 1.2 CB TAB 1p TL SEALED	 TE Part # 2203772-2 Cap Ass'y, 3P Sealed, Key B
 TE Part # 2203772-3 Cap Ass'y, 3P Sealed, Key C	 TE Part # 2203774-2 Cap Ass'y, 4P Sealed, Key B	 TE Part # 2203774-3 Cap Ass'y, 4P Sealed, Key C	 TE Part # 2203776-1 5POS, MCON 1.2 CB TAB 1p TL SEALED

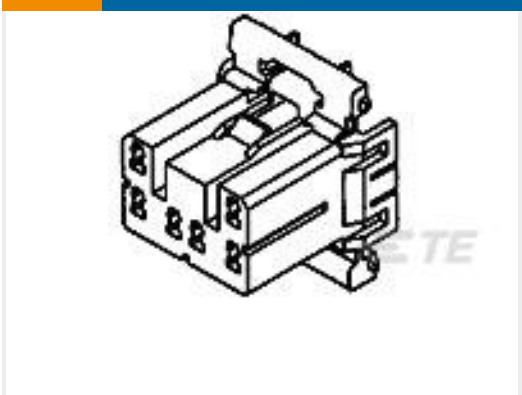


 TE Part # 2203805-1 2POS, MCON 1.2 CB TAB 1p TL SEALED	 TE Part # 2203805-2 Cap Ass'y, 2P Sealed, Key B	 TE Part # 2203807-1 Cap Ass'y, 3P Sealed, Key A	 TE Part # 2203809-1 Cap Ass'y, 4P Sealed, Key A
---	---	--	--

Also in the Series | MCON Interconnection System

 Automotive Connector Caps & Covers (24)	 Automotive Connector Locks & Position Assurance(11)	 Automotive Housings(320)	 Automotive Terminals(122)
 Connector Seals & Cavity Plugs(10)	 Insertion & Extraction Tools(31)	 Other Automotive Connector Accessories(2)	 PCB Headers & Receptacles(2)

Customers Also Bought

 TE Part #368542-1 070 MLC PLUG 12P HSG	 TE Part #7-967644-3 MQS, CONNECTOR HOUSING	 TE Part #1-2208709-1 91POS, MIXED,REC HSG,ASSY, SEALED	 TE Part #2208715-1 2. LOCK,AMP MCP2,8
 TE Part #2282154-2 6POS,NANOMQS,REC HSG,CODB	 TE Part #2282154-3 6POS,NANOMQS,REC HSG,CODC	 TE Part #1SNA115338R2500 MB70/10.L8	 TE Part #2406632-1 FAHHnet GAC A58 SQUIB AK2 90D PIGTAIL



Documents

Product Drawings

MCON 1.2 CB TAB SWS AG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2141114-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2141114-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2141114-3_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

English