2177610-3 ✔ ACTIVE

MCON Interconnection System

TE Internal #: 2177610-3

Automotive Terminals, Tab, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .6 mm [.024 in], 17 - 15 AWG Wire Size, MCON Interconnection System

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: **17 - 15 AWG**

All MCON Receptacle and Tab (65)

Features

Product Type Features

Receptacle Style	180°
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
Wire Contact Termination Area Plating Material	Tin
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	2.6 mm[.102 in]
Wire Size	1 - 1.5 mm^2
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, 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: 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 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 # 2203770-1
Cap Ass'y, 2P Sealed, Key A



TE Part # 2151480-1
OCEAN_2.0_APPLICATOR-S-070F130SP-RSM



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 # 2151480-2
OCEAN_2.0_APPLICATOR-S-070F130SP-RSA



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



TE Part # 2203809-2
Cap Ass'y, 4P Sealed, Key B



TE Part # 2203811-1
Cap Ass'y, 5p Sealed, Key A

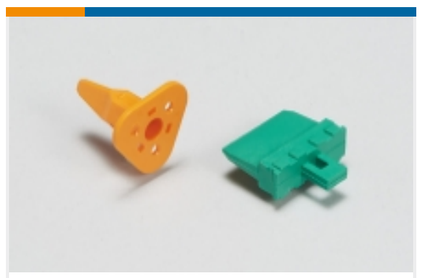


TE Part # 2304887-1
16POS,HYBRID,TAB HSG ASSY,SLD, COD 1

Also in the Series | MCON Interconnection System



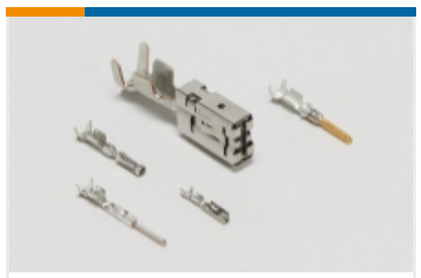
Automotive Connector Caps & Covers (21)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(294)



Automotive Terminals(104)



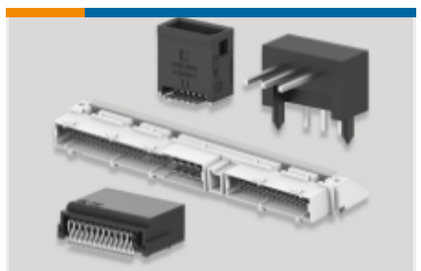
Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(2)

Customers Also Bought



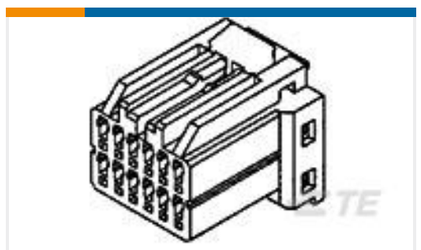
TE Part # 1-1534097-1
MQS COVER 2X8P



TE Part # 284425-1
3 POS CONNECTOR FOR INJECTION



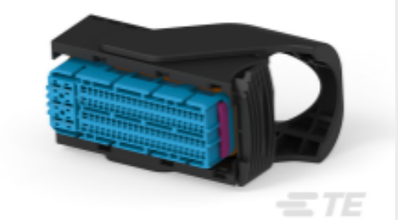
TE Part # 1379659-5
8W PLUG HOUSING ASSY NATU



TE Part # 175965-1
I/O PLUG ASSY .040 12P



TE Part # 2403977-1
TPA REC HSG,72POS,HYBRID



TE Part # 9-2289228-1
CONNECTOR, 94POS



TE Part # 2403976-1
24POS,0.64 SERIES,REC HSG,UNSLD, COD 1



TE Part # 1-2209545-9
94POS,MQS,REC HSG ASSY,SLD,COD Z

TE Part # 2050244-1
COVER WITH LABEL - HAIMA S3 U/H



TE Part # 2324153-2
25POS,MQS,SOCK HSG

Documents

Product Drawings

MCON 1.2 CB TAB SWS AG

English

MCON 1.2 CB TAB SWS AG

German

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2177610-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2177610-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2177610-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English