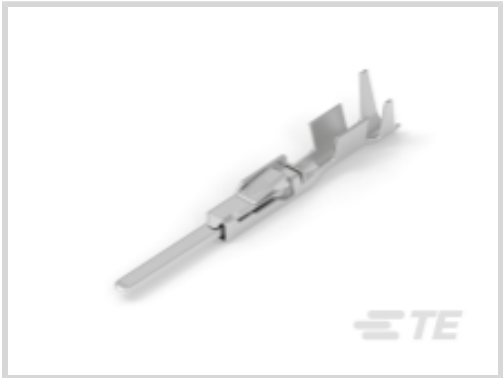




Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**

Interface Plating: **Tin (Sn)**

Mating Tab Width: **1.15 mm [.045 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

[All MCON Receptacle and Tab \(64\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
---	-------

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production per Version June 2024

Packaging Features

Packaging Method	Reel
Packaging Quantity	7000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features



Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.9 – 2.4 mm [.075 – .094 in]
Wire Size	1 – 1.5 mm²
Wire Size Search	1.25 mm², 1 mm², 1.5 mm²
Tab Length	25.5 mm [1.003 in]

Contact Features

Crimp Type	F-Crimp
Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Tab
Interface Plating	Tin (Sn)
Mating Tab Width	1.15 mm [.045 in]
Mating Tab Thickness	.6 mm [.024 in]

Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

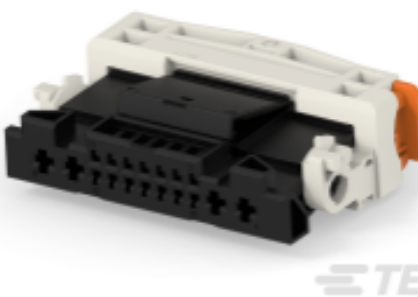
Not applicable for solder process capability

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

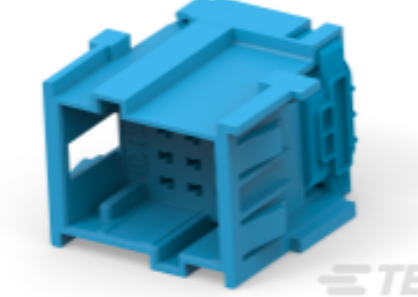
 TE Part # 2236046-8 32POS, MIXED, MALE CONN., CLIP2, COD B	 TE Part # 1801735-4 18W HYBRID UNSEALED RCPT HSG ASSY BROWN	 TE Part # 1801735-3 18W HYBRID UNSEALED RCPT HSG ASSY BLUE	 TE Part # 1801735-5 18W HYBRID UNSEALED RCPT HSG ASSY PURPLE
 TE Part # 7-2151479-7 OCEAN_2.0_SPARE_PART_KIT-S-070F090BX	 TE Part # 7-1452659-1 MCON 1.2 LL REC SRC SN	 TE Part # 2382874-2 16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD B	 TE Part # 5-2109455-2 050/110 48P CAP ASSY CODE A
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2366066-2 48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD B	 TE Part # 2382878-3 3POS,1.2X0.63,TAB HSG,UNSLD,COD C	 TE Part # 2236046-7 32POS, MIXED, MALE CONN., CLIP2, COD A



TE Part # 1801735-1
18W HYBRID UNSEALED RCPT HSG ASSY BLACK



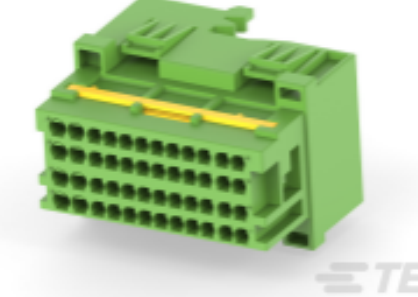
TE Part # 2151479-1
OCEAN_2.0_APPLICATOR-S-070F090BX-RSM



TE Part # 2382874-4
16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD D



TE Part # 2366066-1
48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD A



TE Part # 2366066-3
48POS,MCON 1.2,TAB HSG ASSY, UNSLD,COD C



TE Part # 2382878-1
3POS,1.2X0.63,TAB HSG,UNSLD,COD A



TE Part # 2382874-1
16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD A

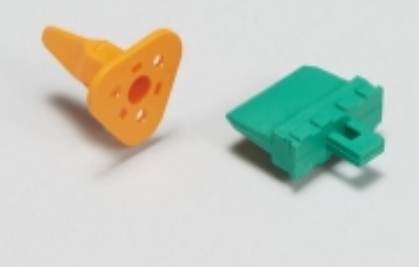


TE Part # 2138414-1
50P HYBRID UNSEALED, MALE CAP

Also in the Series | MCON 1.2mm



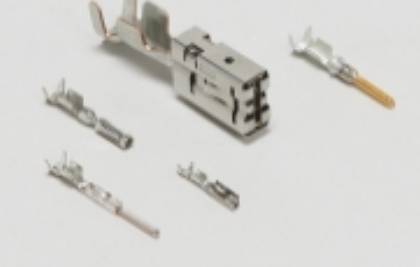
Automotive Connector Caps & Covers (18)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(318)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

Customers Also Bought



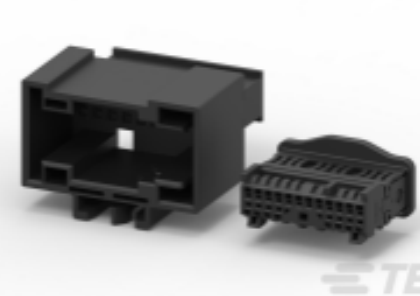
TE Part #284875-5
20 W. FEMALE CONNECTOR ASSY



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



TE Part #5-1418760-1
MCON 1.2 LL TAB STC SN



TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING





TE Part #2-1879071-3
THS50 6R8 5%



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



TE Part #2112295-1
PROTECTION CAP, GROUP D, ASSY

TE Part #W016084
O-RING 103X5 EPDM 70



TE Part #1897209-2
MCP HYB 4P CAP HSG

Documents

Product Drawings

MCON 1.2 LL TAB STC SN

English

CAD Files

Customer View Model

ENG_CVM_CVM_1418762-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1418762-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1418762-1_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