



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

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

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	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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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

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)
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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>

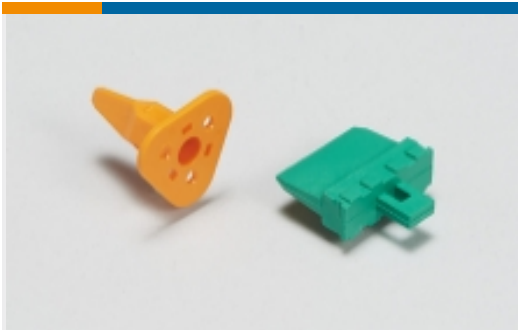
Compatible Parts

 TE Part # 1579007-8 EXTRACTION TOOL	 TE Part # 1534594-2 MCON 1.2 CB REC SRC AU	 TE Part # 7-2151042-7 OCEAN_2.0_SPARE_PART_KIT-050F0700	 TE Part # 2151042-1 OCEAN_2.0_APPLICATOR-S-050F0700-RSM
 TE Part # 2151042-2 OCEAN_2.0_APPLICATOR-S-050F0700-RSA	 TE Part # 2301461-2 30POS, HYBRID, TAB HSG ASSY, SLD, COD B	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2837652-2 OCEAN-2.0-APPLICATOR-S-050F0700-SSA
 TE Part # 5-2151042-1 OCEAN_2.0_APPLICATOR-S-050F0700-RSM	 TE Part # 5-2151042-2 OCEAN_2.0_APPLICATOR-S-050F0700-RSA		

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)

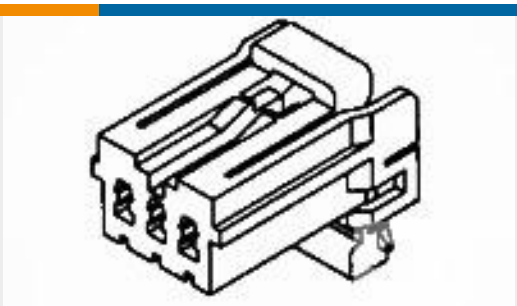


Insertion & Extraction Tools(5)

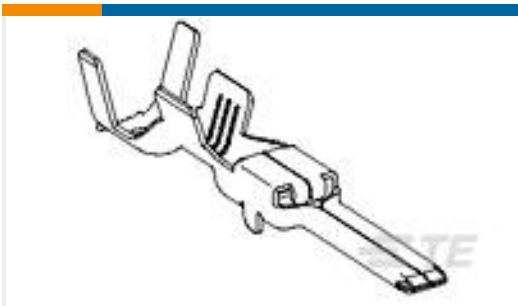


Other Automotive Connector Accessories(7)

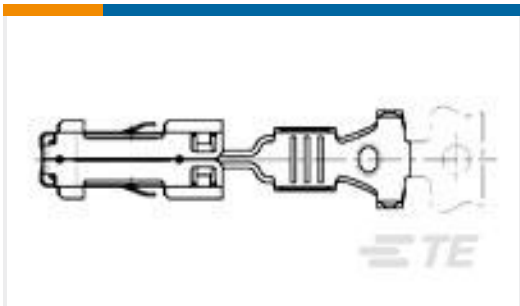
Customers Also Bought



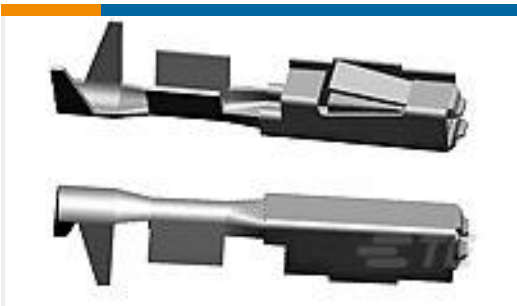
TE Part #174921-1
070 MLC W-W PLUG HSG 3P NATURA



TE Part #1326031-3
2.8MM BLD,SEAL,18AWG



TE Part #1703034-1
SENSOR CONTACT 2,8



TE Part #968678-2
MPQ2,8 Sn rec LL unseal. 0,35-0,5



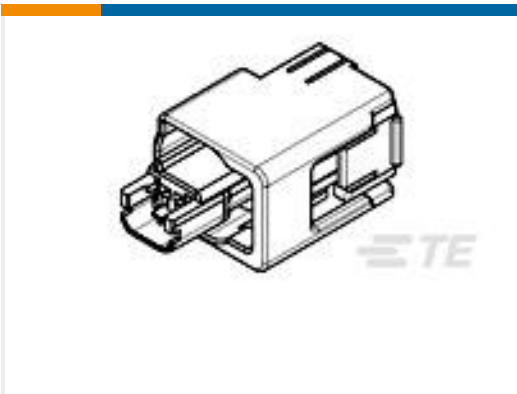
TE Part #1379217-5
5POS MIXED MQS REC COD A



TE Part #2-456403-1
CRIMPER WIRE .062 F



TE Part #1-456402-4
CRIMPER WIRE .055 F



TE Part #1438426-3
0.64MM, 2POSN SEALED PLUG, GRA



TE Part #1379218-2
COVER FOR 5W MPQ+MQS HSG



TE Part #281881-1
5MM PITCH TAB/RECPT CONTACT

Documents



Product Drawings

MCON 1.2 CB TAB STC AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718348-2_A_c-1718348-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1718348-2_A_c-1718348-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718348-2_A_c-1718348-2-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