



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

|                         |               |
|-------------------------|---------------|
| Sealable                | No            |
| Primary Locking Feature | Locking Lance |

Contact Features

|                        |                  |
|------------------------|------------------|
| Contact Size           | 1.15mm           |
| Contact Fabrication    | Stamped & Formed |
| 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      | Gold (Au)        |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.1 – 1.75 mm[.043 – .069 in] |
|--------------------------------------|-------------------------------|



|                  |                |
|------------------|----------------|
| Wire Size        | .25 – .35 mm²  |
| 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) |
|--------------------|----------------------|

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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                                                                                      |

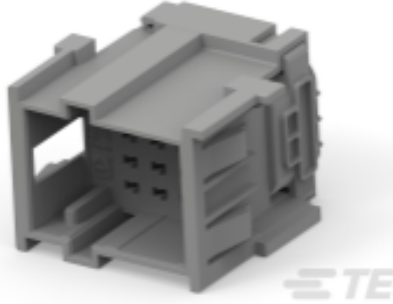
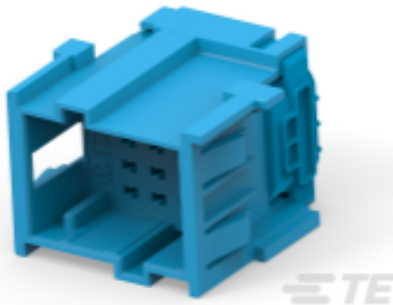
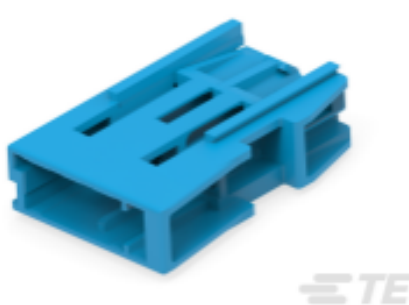
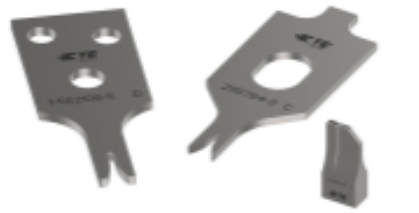
Product Compliance Disclaimer

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

|                                                                                                                                                        |                                                                                                                                                        |                                                                                                                                                            |                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 7-1452653-2<br>MCON 1.2 LL REC SRC AU                  | <br>TE Part # 5-1579007-3<br>EXTRACTION TOOL                         | <br>TE Part # 2151311-1<br>OCEAN_2.0_APPLICATOR-S-050F070O-RSM         | <br>TE Part # 2151311-2<br>OCEAN_2.0_APPLICATOR-S-050F070O-RSA       |
| <br>TE Part # 2305570-1<br>Strip Terminal Cutter-Side Feed-No Crimp | <br>TE Part # 2382874-1<br>16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD A | <br>TE Part # 2382874-2<br>16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD B   | <br>TE Part # 2382874-3<br>16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD C |
| <br>TE Part # 2382874-4<br>16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD D | <br>TE Part # 2382878-1<br>3POS,1.2X0.63,TAB HSG,UNSLD,COD A        | <br>TE Part # 2382878-3<br>3POS,1.2X0.63,TAB HSG,UNSLD,COD C          | <br>TE Part # 2382878-4<br>3POS,1.2X0.63,TAB HSG,UNSLD,COD D        |
| <br>TE Part # 5-2151311-1<br>OCEAN_2.0_APPLICATOR-S-050F070O-RSM    | <br>TE Part # 5-2151311-2<br>OCEAN_2.0_APPLICATOR-S-050F070O-RSA    | <br>KIT<br>TE Part # 7-2151311-7<br>OCEAN_2.0_SPARE_PART_KIT-050F070O | <br>KIT<br>TE Part # 7-2266367-7<br>OC-050F070O-752-CRIMPTOOLINGKIT |



TE Part # 2-2236952-5  
2POS, MCON 1.2 LL TAB SEALED  
COD B

TE Part # 1-2141324-4  
6POS, MCON 1.2 LL TAB SEALED  
COD A

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(13)

Insertion & Extraction Tools(5)

Other Automotive Connector  
Accessories(7)

Customers Also Bought

TE Part #1534579-1  
MQS, CONNECTOR HOUSING

TE Part #144936-1  
LOCKING DEVICE MQS

TE Part #1-2177909-2  
MCON 0.5 CB, CONTACT

TE Part #2112668-1  
23POS MIXED MQS REC

TE Part #2112669-1  
23POS MIXED MQS REC

TE Part #2112674-3  
37POS MIXED MQS REC COD C

TE Part #2112674-4  
37POS MIXED MQS REC COD D

TE Part #2112675-3  
36POS MIXED MQS REC COD C



TE Part #2112675-4  
36POS MIXED MQS REC COD D

Documents

Product Drawings

MCON 1.2 LL TAB STC AU

English

MCON 1.2 LL TAB STC AU

English

MCON 1.2 LL TAB STC AU

English

MCON 1.2 LL TAB STC AU

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_5-1418758-2\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1418758-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1418758-2\_B.3d\_stp.zip

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English