



Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**  
Mating Tab Width: **1.2 mm [.047 in]**  
Mating Tab Thickness: **.62 mm [.024 in]**  
Terminal Transmits: **0 – 24 A (Low Power)**  
Wire Size: **23 – 22 AWG**

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

Features

Operation/Application

|                                    |                                                                       |
|------------------------------------|-----------------------------------------------------------------------|
| Compatible With Wire Base Material | Copper                                                                |
| Conforms to Automation Guideline   | Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018) |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Box  |
| Packaging Quantity | 9000 |

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 | Clean Body |
|-------------------------|------------|

Dimensions

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| Compatible Insulation Diameter Range | 1.1 – 1.6 mm [.043 – .063 in]            |
| Wire Size                            | .25 – .35 mm <sup>2</sup>                |
| Wire Size Search                     | .3 mm <sup>2</sup> , .25 mm <sup>2</sup> |
| Tab Length                           | 24.5 mm [.964 in]                        |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Crimp Type                                     | F-Crimp          |
| Contact Size                                   | 1.2mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Terminal Type                                  | Tab              |
| Mating Tab Width                               | 1.2 mm [.047 in] |
| Mating Tab Thickness                           | .62 mm [.024 in] |
| Interface Plating                              | Tin (Sn)         |

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)<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 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

|                                                                                                                                                                |                                                                                                                                                               |                                                                                                                                                              |                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1579007-8<br/>EXTRACTION TOOL</p>                              |  <p>TE Part # 1534594-1<br/>MCON 1.2 CB REC SRC SN</p>                     |  <p>TE Part # 7-2151042-7<br/>OCEAN_2.0_SPARE_PART_KIT-050F0700</p>      |  <p>TE Part # 2301461-1<br/>30POS, HYBRID, TAB HSG ASSY, SLD, COD A</p>   |
|  <p>TE Part # 1-2298627-1<br/>24POS, HYBRID, TAB HSG ASSY, UNSLD, COD A</p> |  <p>TE Part # 2151042-1<br/>OCEAN_2.0_APPLICATOR-S-050F0700-RSM</p>       |  <p>TE Part # 2151042-2<br/>OCEAN_2.0_APPLICATOR-S-050F0700-RSA</p>     |  <p>TE Part # 2298566-1<br/>22POSN., TAB ASSY, MCON1.2, MQS, MCP2.8</p>  |
|  <p>TE Part # 2298627-1<br/>24POS, HYBRID, TAB HSG ASSY, UNSLD, COD A</p>   |  <p>TE Part # 2298637-1<br/>60POS, HYBRID, TAB HSG ASSY, UNSLD, COD A</p> |  <p>TE Part # 2301461-2<br/>30POS, HYBRID, TAB HSG ASSY, SLD, COD B</p> |  <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No Crimp</p> |
|  <p>TE Part # 2837652-2<br/>OCEAN-2.0-APPLICATOR-S-050F0700-SSA</p>         |  <p>TE Part # 5-2151042-1<br/>OCEAN_2.0_APPLICATOR-S-050F0700-RSM</p>     |  <p>TE Part # 5-2151042-2<br/>OCEAN_2.0_APPLICATOR-S-050F0700-RSA</p>   |                                                                                                                                                               |



Also in the Series | MCON 1.2mm

|                                         |                                                     |                                           |                          |
|-----------------------------------------|-----------------------------------------------------|-------------------------------------------|--------------------------|
|                                         |                                                     |                                           |                          |
| Automotive Connector Caps & Covers (18) | Automotive Connector Locks & Position Assurance(10) | Automotive Housings(324)                  | Automotive Terminals(93) |
|                                         |                                                     |                                           |                          |
| Connector Seals & Cavity Plugs(13)      | Insertion & Extraction Tools(5)                     | Other Automotive Connector Accessories(7) |                          |

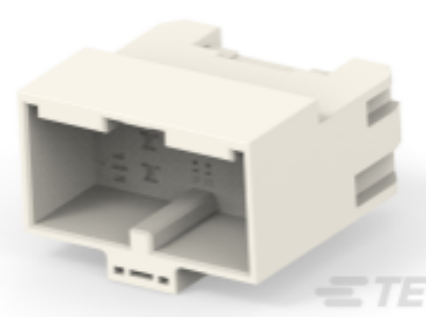
Also in the Series | AMP MCP Hybrid Coax

|                        |                          |                                     |
|------------------------|--------------------------|-------------------------------------|
|                        |                          |                                     |
| Automotive Housings(8) | Automotive Terminals(38) | Crimp Wire Pins, Tabs & Ferrules(2) |

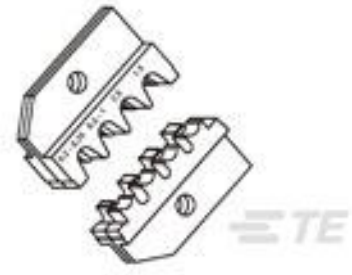
Customers Also Bought

|                                                      |                                                |                                                      |                                              |
|------------------------------------------------------|------------------------------------------------|------------------------------------------------------|----------------------------------------------|
|                                                      |                                                |                                                      |                                              |
| TE Part #1563190-1<br>2POS,TAB 1.6 X 0.6,TAB HSG,COD | TE Part #368086-1<br>090II NON SLD TAB(SQ 2.0) | TE Part #964265-2<br>TAB A 1.6x0.6 CONTACT CF SRC Sn | TE Part #1534594-1<br>MCON 1.2 CB REC SRC SN |

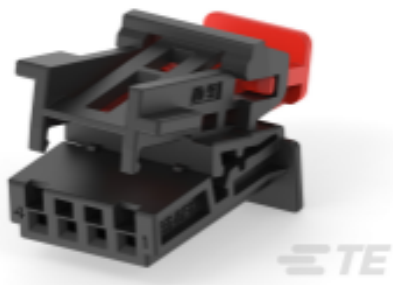




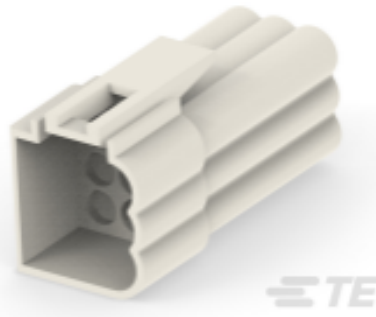
TE Part #2005330-1  
025/090/110 HYB 24P CAP ASSY



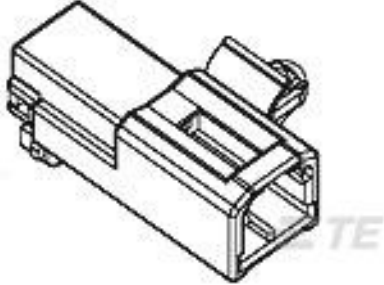
TE Part #1-1579001-3  
DIE FOR 1,2MM CONTACT



TE Part #2294218-1  
4POS MQS REC COD A



TE Part #928522-1  
9P CI12 PIN HSG MATE 928523



TE Part #178602-1  
070 MULTILOC CAP HSG PANEL LOC



TE Part #2294663-1  
6P MQS SHEILD ASSY WITH CPA

Documents

Product Drawings

MCON 1.2 CB TAB STC SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1718348-1\_A\_c-1718348-1-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1718348-1\_A\_c-1718348-1-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1718348-1\_A\_c-1718348-1-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