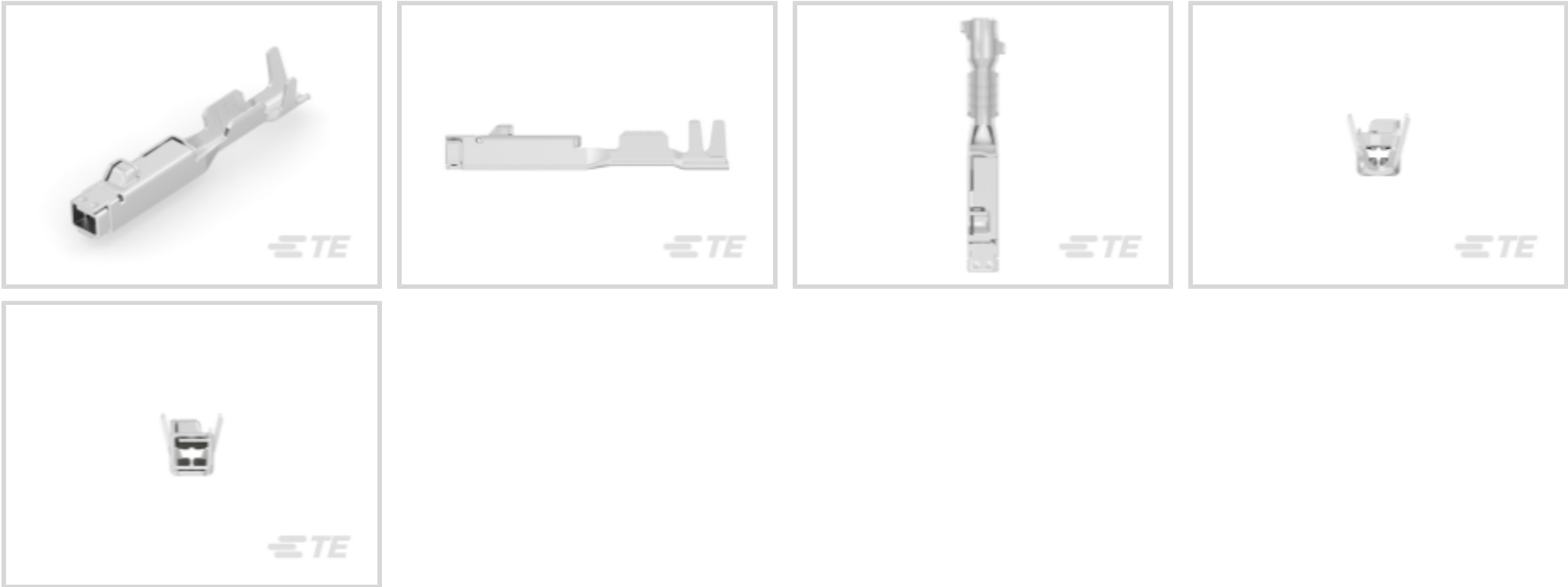




Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**  
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 |
| Typical Current Rating | 8.75 A           |
| Crimp Type             | F-Crimp          |
| Terminal Type          | Receptacle       |
| 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 | 10000 |
| 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

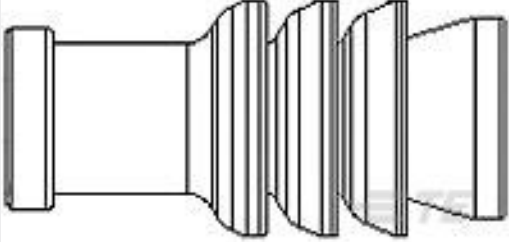
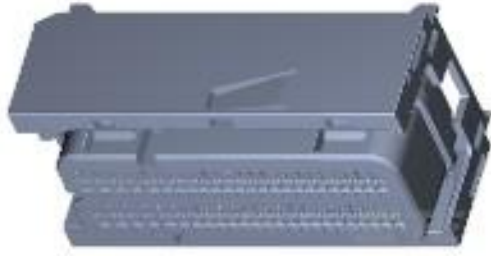
Solder Process Capability

Not 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 # 967056-1<br/>MQS BLINDSTOPFEN4MM</p>     |  <p>TE Part # 967067-1<br/>MQS SGL WIRE SEAL</p>  |  <p>TE Part # 967067-2<br/>MQS EINZELLEITDICHT</p>                           |  <p>TE Part # 1452426-1<br/>EXTRACTION TOOL</p>                                        |
|  <p>TE Part # 1579007-8<br/>EXTRACTION TOOL</p>        |  <p>TE Part # 964972-1<br/>EINZELLEITERDICHTNG</p> |  <p>TE Part # CAT-AM705-CH8172<br/>AMP MCP, SEALED CONNECTOR<br/>HOUSING</p> |  <p>TE Part # CAT-H3399-CH8172<br/>Heavy Duty Sealed Connector Series<br/>Housings</p> |
|  <p>TE Part # 1718348-2<br/>MCON 1.2 CB TAB STC AU</p> |  <p>TE Part # 1-1579007-0<br/>EXTRACTION TOOL</p> |  <p>TE Part # 8-1579008-4<br/>EXTRACTION TOOL</p>                            |  <p>TE Part # 9-1563173-9<br/>96POS,MCON-1.2 CB,REC HSG,ASSY</p>                       |





TE Part # 2278584-1  
67 POS,MIXED,REC HSG,ASSY,  
SEALED TYPE180

TE Part # 2272975-1  
6 Pos. Sealed MCON 1.2 Connect

TE Part # 9-1563172-9  
58POS, MIXED,REC HSG,ASSY

TE Part # 1-2208720-1  
105POS,MCON 1.2 CB,REC HSG,  
ASSY,SLD

TE Part # 1-2316374-1  
48POS,MCON 1.2,REC HSG ASSY,SLD,  
COD NEUT

TE Part # 1-2316374-2  
48POS,MCON 1.2,REC HSG ASSY,SLD,  
COD NEUT

TE Part # 1-2316374-3  
48POS,MCON 1.2,REC HSG ASSY,SLD,  
COD NEUT

TE Part # 1-2316374-4  
48POS,MCON 1.2,REC HSG ASSY,SLD,  
COD NEUT

Also in the Series | AMP MCP Hybrid Coax

Automotive Housings(8)

Automotive Terminals(38)

Crimp Wire Pins, Tabs & Ferrules(2)

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 #776536-1  
AS16,CAP ASSY,ST,04P,E SEAL,CODE A

TE Part #1924487-2  
MOUNTING CLIP, AMPSEAL 16

TE Part #776492-2  
SOC, SF, SIZE 16, 14-18 AWG, NI/SN

TE Part #2292799-1  
AMPSEAL 16 Connectors Backshell

TE Part #1803095-3  
FLOATING SHEAR, FRONT

TE Part #2-1490019-3  
CRIMPER, WIRE (.050" 'F')

TE Part #6-1752057-1  
CRIMPER, WIRE PREMIUM, STEPPED

TE Part #9-1333225-0  
ANVIL, COMBINATION

Documents

Product Drawings  
MCON 1.2 CB REC SRC AU  
German

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1534594-2\_E.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1534594-2\_E.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1534594-2\_E.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