



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: **17 – 15 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	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Compatible Insulation Diameter Range	1.9 – 2.4 mm[.075 – .094 in]
Wire Size	1 – 1.5 mm²
Wire Size Search	15 AWG, 16 AWG, 17 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

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

Industry Standards

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

Packaging Features

Packaging Quantity	8000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
--------------------	----------------------

Product Compliance

For compliance documentation, visit the product page on TE.com>

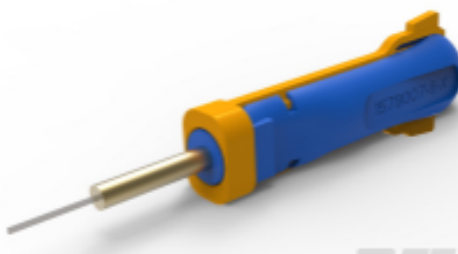
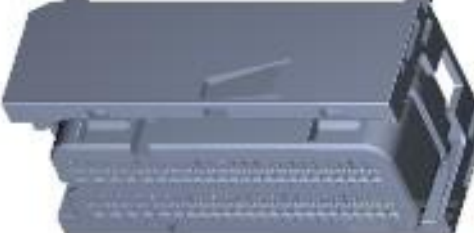
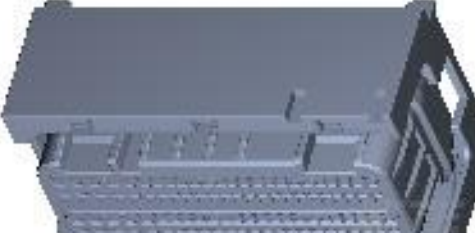
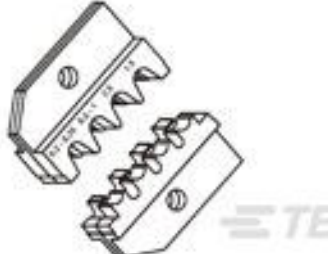
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # CAT-NC1-NMA12 NextGen & NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs	 TE Part # 1452426-1 EXTRACTION TOOL	 TE Part # 1579007-8 EXTRACTION TOOL	 TE Part # 9-1452380-9 96 POS. CONNECTOR ASSY
 TE Part # 964972-1 EINZELLEITERDICHUNG	 TE Part # 1-1579007-0 EXTRACTION TOOL	 TE Part # 9-1563173-9 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 9-1452423-9 96 POS. CONNECTOR ASSY
 TE Part # 2203973-1 26P SEALED PLUG, ASSY, KEY A	 TE Part # 1-1579001-3 DIE FOR 1,2MM CONTACT	 TE Part # 1-2005475-2 PCU SLD 105P PLUG ASSY(A-RH)	 TE Part # 1-2203973-5 26POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part # 1-2203973-6
26POS,MCON 1.2,REC HSG ASSY,SLD,
COD A

TE Part # 1-2208709-1
91POS, MIXED,REC HSG,ASSY,
SEALED

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

TE Part # 1-2295393-1
PLUG ASSY, 16WAY, HYBRID,
UNSEALED, A

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(13)

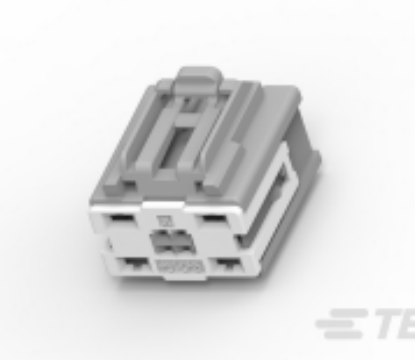


Insertion & Extraction Tools(5)

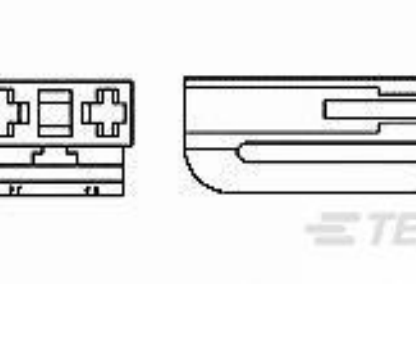


Other Automotive Connector Accessories(7)

Customers Also Bought



TE Part #1456471-2
8p Hybrid 0.64/2.8 Unsealed Plug Assy



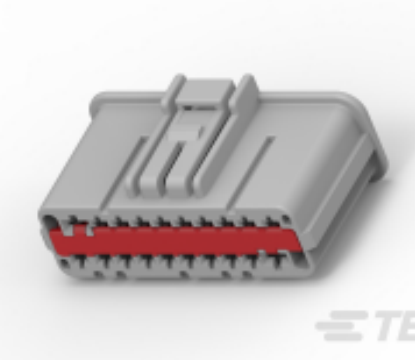
TE Part #623346-1
2P CONNECTOR HOUSING



TE Part #1813112-1
MCP 1.5&2.8 HYB 28P PLUG ASSY



TE Part #4-2112594-2
4(6)POS,NANOMQS,REC HSG,ASSY, SEALED



TE Part #2098377-2
20P PLUG ASSEMBLY UNSEALED HYBRID B-KEY



TE Part #2203770-2
2POS, MCON 1.2 CB TAB 1p TL SEALED



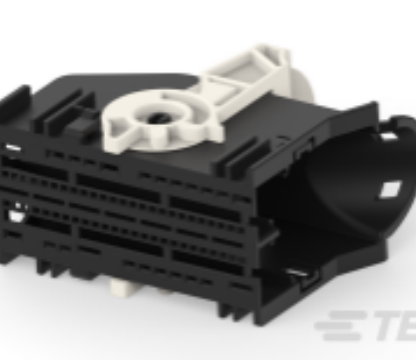
TE Part #2208720-1
105POS,MCON 1.2 CB,REC HSG, ASSY,SLD



TE Part #2208729-1
COVER,OUTGOING VERTICAL,ASSY



TE Part #2317733-1
92POS,CCS,SOC HSG ASSY,UNSLD



TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK

Documents

Product Drawings

MCON 1.2 CB REC SRC SN

German

CAD Files

Customer View Model

ENG_CVM_CVM_1452503-1_C.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1452503-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1452503-1_C.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