



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: **20 – 18 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	11.75 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	1.3 – 1.9 mm [.051 – .075 in]
Wire Size	.5 – .75 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 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

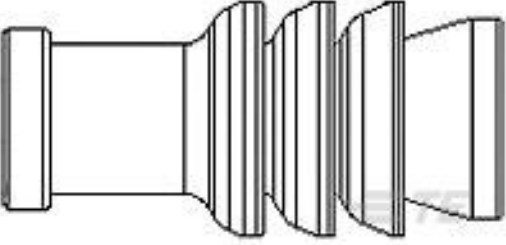
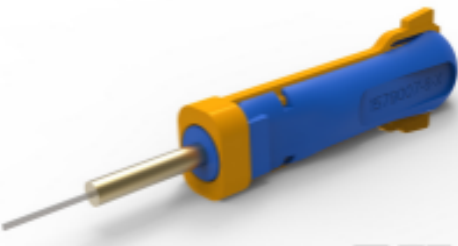
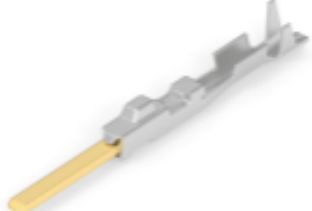
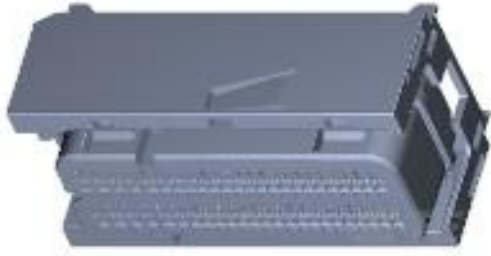
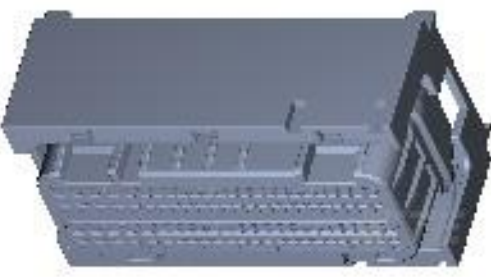
Solder Process Capability

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 # 967056-1 MQS BLINDSTOPFEN4MM	 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # 1579007-8 EXTRACTION TOOL
 TE Part # 964972-1 EINZELLEITERDICHTNG	 TE Part # 1718350-2 MCON 1.2 CB TAB STC AU	 TE Part # 1-2137336-1 36 POS PLUG ASSEMBLY	 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings
 TE Part # 1-1579007-0 EXTRACTION TOOL	 TE Part # 9-1563173-9 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2278584-1 67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180	 TE Part # 9-1452423-9 96 POS. CONNECTOR ASSY



TE Part # 9-1452415-9
58POS CONNECTOR ASSY F.
CONNECTOR154POS

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

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

TE Part # 2289523-1
2POS, MCON 1.2 CB REC 2p TL
UNSEALED

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

Also in the Series | AMP MCP Hybrid Coax

Automotive Housings(8)

Automotive Terminals(38)

Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | enetSEAL+

Automotive Connector Caps & Covers
(1)

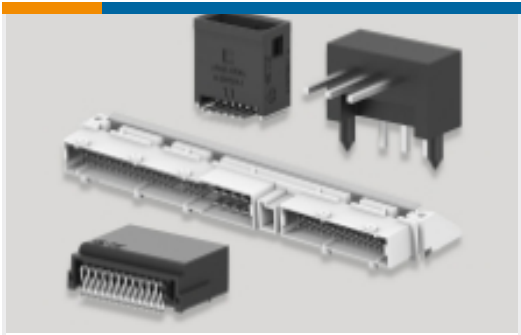
Automotive Housings(4)

Automotive Terminals(4)

Infotainment & Multimedia Cable
Assemblies(8)



Other Automotive Connector Accessories(3)

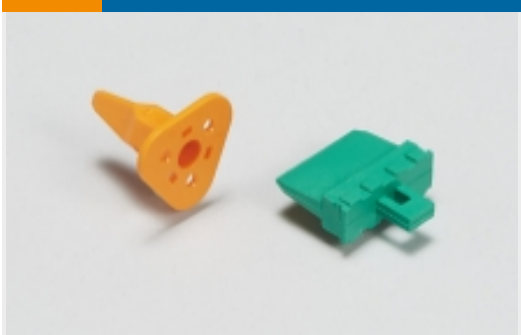


PCB Headers & Receptacles(4)

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (17)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(326)



Automotive Terminals(96)



Connector Seals & Cavity Plugs(11)

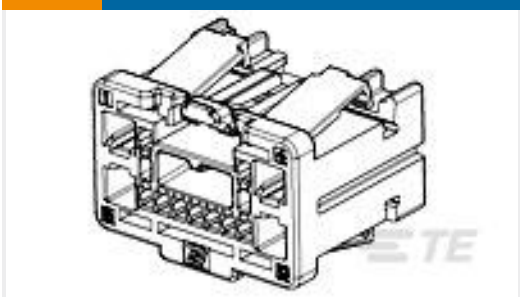


Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

Customers Also Bought



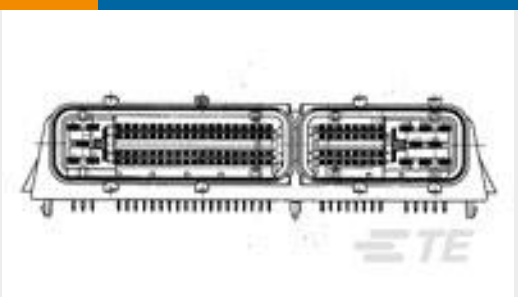
TE Part #1924667-1
13p Hybrid - 1pc Unsealed Plug, Key A



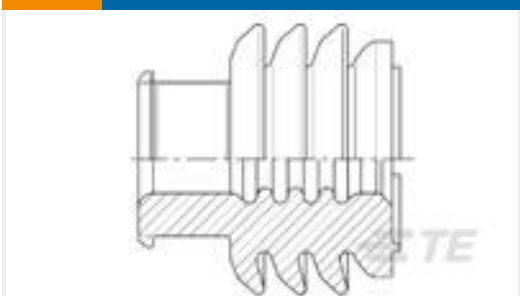
TE Part #1355469-1
1,6/2,8/5,8TAB-GH42



TE Part #1823347-1
8POS, MIXED,REC HSG,ASSY



TE Part #1746979-1
ECU 121P HDR ASSY-PBT



TE Part #1355437-3
MCP9,5 EINZELDICHTG



TE Part #1-1801175-5
2W RECEPTACLE HP CONNECTOR GREEN



TE Part #1747731-3
0.64/1.0 SEALED 49POS PLUG ASSY, A KEY



TE Part #2272010-2
Plug Assembly, 16P GET, w/ CPA



Documents

Product Drawings

MCON 1.2 CB REC SRC AU

English

MCON 1.2 CB REC SRC AU

German

CAD Files

Customer View Model

ENG_CVM_1670144-2_F2.3d_igs.zip

English

Customer View Model

ENG_CVM_1670144-2_F2.3d_stp.zip

English

Customer View Model

ENG_CVM_1670144-2_F2.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

CONNECTIVITY SOLUTIONS FOR INFOTAINMENT APPLICATIONS

English

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English