



Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**

Wire Size: **17 – 15 AWG**

Mating Tab Width: **1.2 mm [.047 in]**

Interface Plating: **Tin (Sn)**

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

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.6 mm[.024 in]

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]
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Wire Size	17 – 15 AWG
Wire Size Search	1 mm², 1.25 mm², 1.5 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	8000

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

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

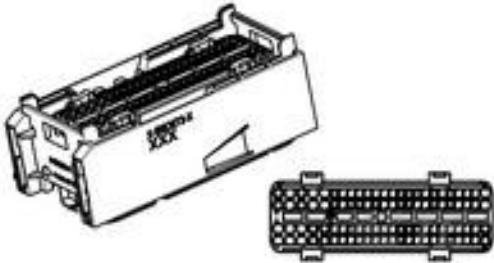
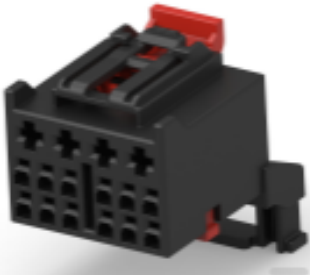
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 3-1564284-7 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 6-1564284-5 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 6-1564284-0 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 4-1564284-0 96POS,MCON-1.2 CB,REC HSG,ASSY
 TE Part # 4-1564284-6 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 1-1564284-8 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2359941-3 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2-1564284-6 96POS,MCON-1.2 CB,REC HSG,ASSY
 TE Part # 2359941-4 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2-1564284-7 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2151468-2 OCEAN_2.0_Applicator-S-070F090O-RSA	 TE Part # 1-2295393-1 PLUG ASSY, 16WAY, HYBRID, UNSEALED, A
 TE Part # 6-1564284-1 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 7-2837825-7 OCEAN_2.0_SPARE_PART_KIT-070F072O	 TE Part # 2298567-1 22POSN.,REC ASSY, MCON1.2, MQS, MCP2.8	 TE Part # 1452426-1 EXTRACTION TOOL





TE Part # 2137336-1
36 POS PLUG ASSEMBLY



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 8-1452423-8
96 POS. CONNECTOR ASSY

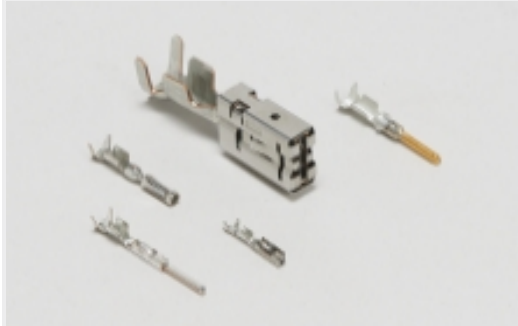


TE Part # 4-1564284-5
96POS,MCON-1.2 CB,REC HSG,ASSY

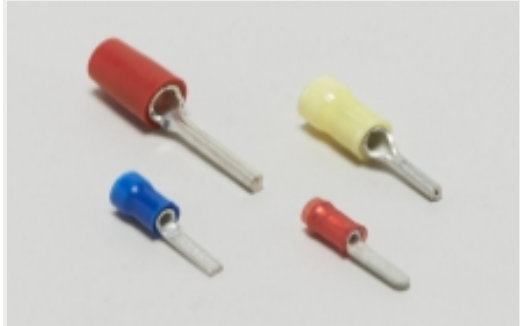
Also in the Series | AMP MCP Hybrid Coax



Automotive Housings(335)



Automotive Terminals(93)

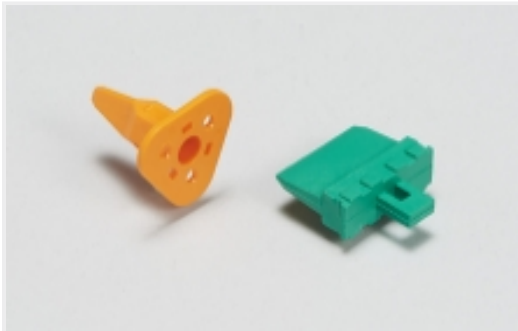


Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | MCON 1.2mm



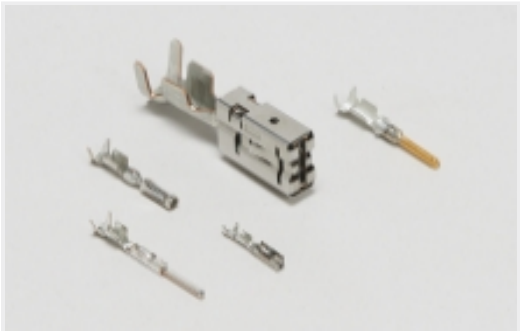
Automotive Connector Caps & Covers (15)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(335)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(10)

Customers Also Bought



TE Part #2278701-4
12P THROUGH WALL CONNECTOR

TE Part #2334023-3
24POS,AMP MCP 1.5K,REC HSG ASSY, SLD

TE Part #1897462-2
5ATM 12P PLUG ASSY

TE Part #284443-4
COVER + LEVER FOR 12 POS M.Q.S

TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings

TE Part #1745011-1
PANEL HOOK

TE Part #1534594-1
MCON 1.2 CB REC SRC SN

TE Part #570055-000
BL-POLY125-16-0-90MM

TE Part #2066594-1
TYPE A FUSE MODULE, 14P, ASSY

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