



Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**

Wire Size: **20 – 18 AWG**

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

Interface Plating: **Gold (Au)**

[All MCON Receptacle and Tab \(63\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Typical Current Rating	11.75 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Interface Plating	Gold (Au)
Mating Tab Thickness	.6 mm[.024 in]

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm[.051 – .075 in]
Wire Size	20 – 18 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °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)

Packaging Features

Packaging Method	Reel
Packaging Quantity	9000

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 # 4-1564285-4 58POS, MIXED,REC HSG,ASSY	TE Part # 2-1564284-5 96POS,MCON-1.2 CB,REC HSG,ASSY	TE Part # 1-1564284-1 96POS,MCON-1.2 CB,REC HSG,ASSY	TE Part # 4-1564284-8 96POS,MCON-1.2 CB,REC HSG,ASSY
			
TE Part # 7-1564285-5 58POS, MIXED,REC HSG,ASSY	TE Part # 7-1564285-6 58POS, MIXED,REC HSG,ASSY	TE Part # 5-1564285-0 58POS, MIXED,REC HSG,ASSY	TE Part # 9-1452415-2 58 POS MIXED, MCON CONNECTOR
			
TE Part # 8-1452423-8 96 POS. CONNECTOR ASSY	TE Part # 4-1564284-5 96POS,MCON-1.2 CB,REC HSG,ASSY	TE Part # 2836155-2 OCEAN_2.0_Applicator-S-062F072OA-SSA	TE Part # 1-1564284-7 96POS,MCON-1.2 CB,REC HSG,ASSY





TE Part # 6-1564284-4
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 1-1564284-9
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 3-1564285-2
58POS, MIXED,REC HSG,ASSY



TE Part # 4-1563172-4
58POS, MIXED,REC HSG,ASSY



TE Part # 5-1563172-4
58POS, MIXED,REC HSG,ASSY



TE Part # 4-1564284-9
96POS,MCON-1.2 CB,REC HSG,ASSY



TE Part # 9-1452415-1
58 POS MIXED, MCON CONNECTOR



TE Part # 2272975-9
6 Pos. Sealed MCON 1.2 Connect

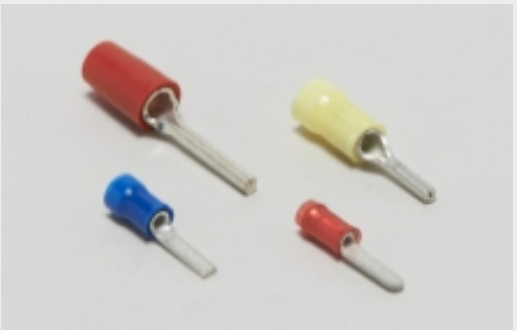
Also in the Series | AMP MCP Hybrid Coax



Automotive Housings(4)



Automotive Terminals(4)

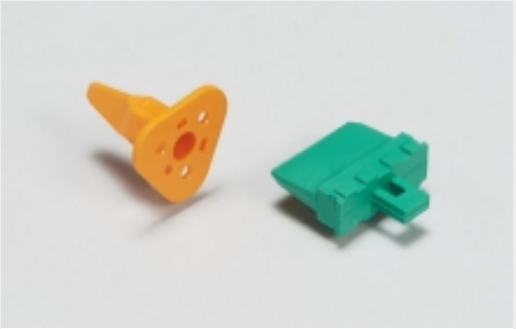


Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(4)



Automotive Terminals(4)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(3)

Also in the Series | enetSEAL+



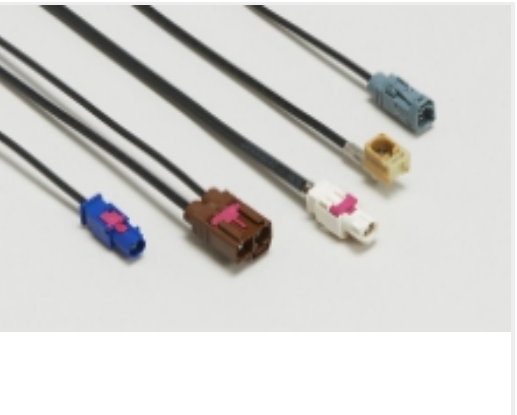
Automotive Connector Caps & Covers (1)



Automotive Headers(4)



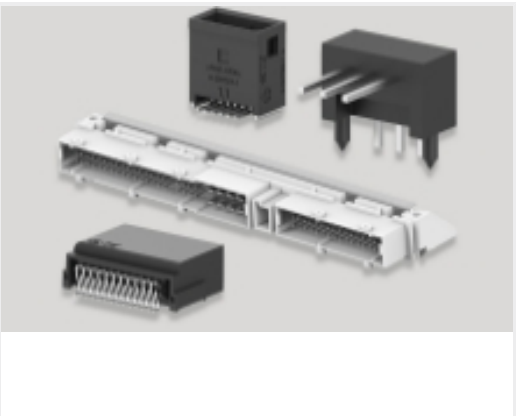
Automotive Housings(4)



Infotainment & Multimedia Cable Assemblies(8)



Other Automotive Connector Accessories(3)



PCB Headers & Receptacles(4)



Rectangular Power Connectors(4)



Wire-to-Board Headers & Receptacles (4)

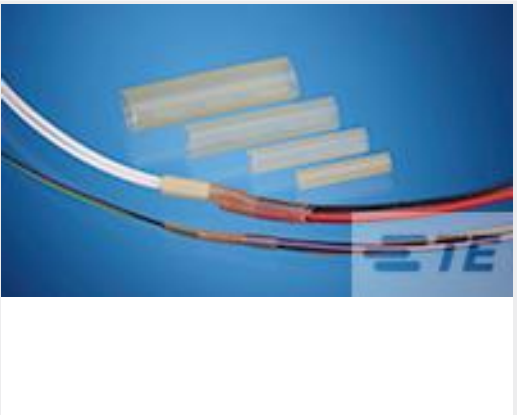
Customers Also Bought



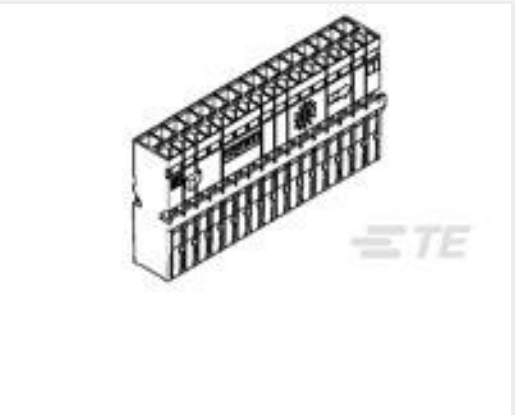
TE Part #1326140-1
32WAY LAC SHIELD ASSEMBLY 70 D



TE Part #1438759-1
22WAY HYBRID .040/2.8 PLUG ASSY KEY 'B'



TE Part #3157736002
RBK-VWS-125-NR4-X-75MM



TE Part #1326141-1
32WAY LAC RECEPTACLE CARRIER H



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



TE Part #2109452-2
050/110 48P PLUG ASSY CODE A



TE Part #EM8997-000
RBK-85-KIT-0510-A0



TE Part #1718350-2
MCON 1.2 CB TAB STC AU



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