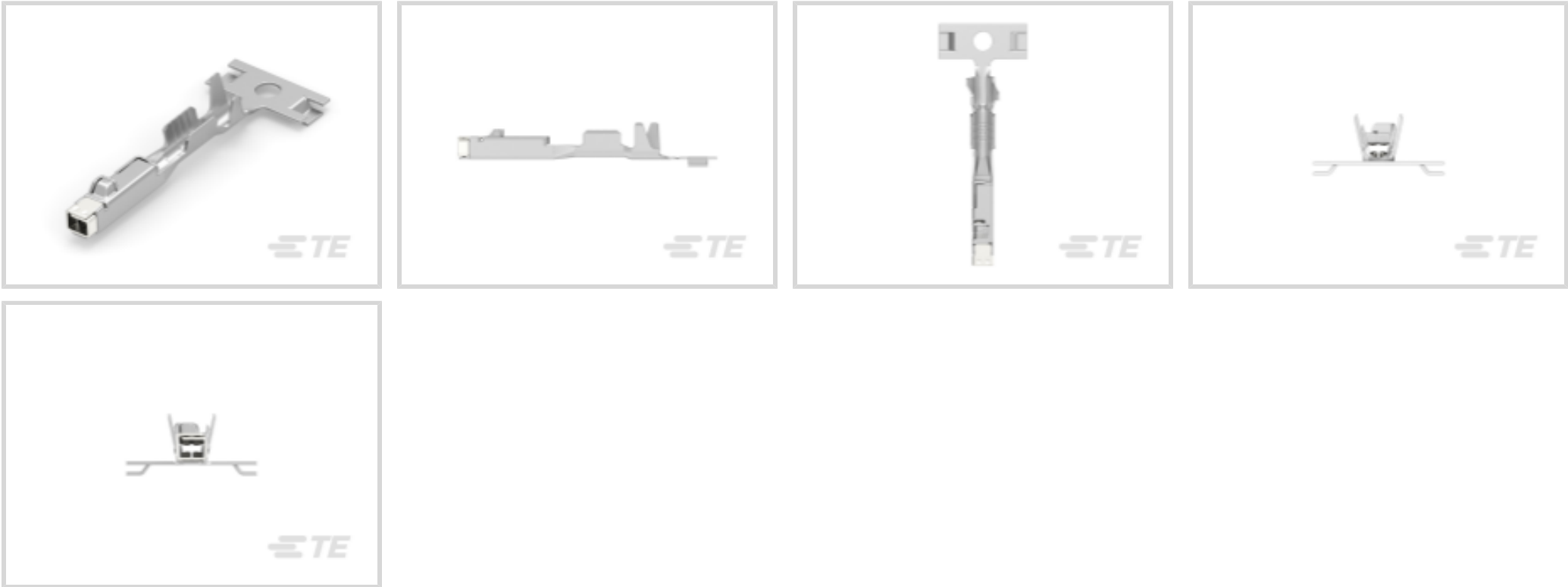




Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



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 \(97\)](#)

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
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	Silver (Ag)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Accepts Wire Insulation Diameter Range	1.3 – 1.9 mm [.051 – .074 in]
Wire Size	.5 – .75 mm²
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

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233)



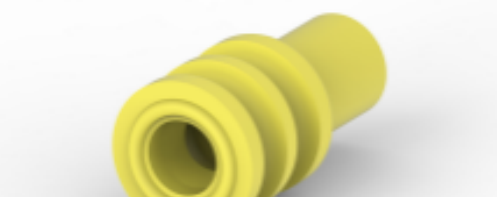
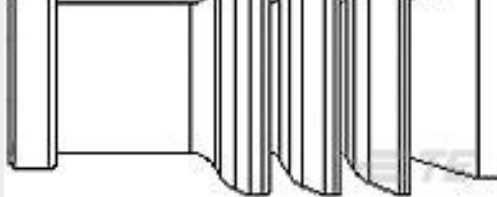
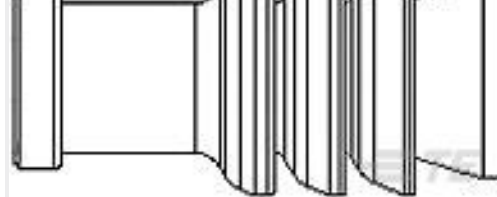
Does not contain REACH SVHC

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-M4595-CH8172 MCON Connector Housing	 TE Part # 964972-1 EINZELLEITERDICHUNG	 TE Part # 967056-1 MQS BLINDSTOPFEN4MM	 TE Part # 967067-1 MQS SGL WIRE SEAL
 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 1-2137336-1 36 POS PLUG ASSEMBLY	 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings
 TE Part # 1718350-3 MCON 1.2 CB TAB STC AG	 TE Part # 1-1579007-0 EXTRACTION TOOL	 TE Part # 1579007-8 EXTRACTION TOOL	 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

TE Part # 1-2344950-1
95POS, HYBRID, REC HSG, ASSY,
COD A

TE Part # 1-2344951-2
104POS, MCON 1.2, REC HSG, ASSY,
COD A

TE Part # 2-2151068-1
OCEAN_2.0_Applicator-S-062F0720

TE Part # 2-2151068-2
OCEAN_2.0_Applicator-S-062F0720

Also in the Series | MCON Interconnection System

Automotive Connector Caps & Covers
(24)

Automotive Connector Locks &
Position Assurance(11)

Automotive Housings(295)

Automotive Seals & Cavity Plugs(5)

Automotive Terminals(111)

Insertion & Extraction Tools(31)

Other Automotive Connector
Accessories(7)

PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #1326031-7
2.8MM BLD,SEAL,20AWG,REVREEL

TE Part #2272975-5
6 Pos. Sealed MCON 1.2 Connect

TE Part #1456538-1
SEAL PLUG, MAT, GM SDM

TE Part #2035024-2
SDM,54P,Cover,Wire Dress Assy w
/Mark





TE Part #2272976-3
Right Angle Wire Dress

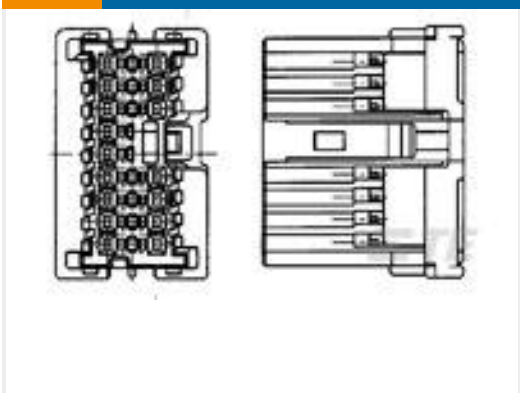


TE Part #2278586-2
67 POS COVER ASSY TYPE45



TE Part #2304518-1
MCON 1.2CB SEAL CAVITY PLUG,
EXTRA LONG

TE Part #2299650-1
30P SEALED HYBRID, WIRE DRESS



TE Part #1123377-6
040 MLC PLUG HSG ASSY 16P

Documents

Product Drawings

MCON 1.2 CB REC SRC AG

German

MCON 1.2 CB REC SRC AG

English

CAD Files

Customer View Model

ENG_CVM_1670144-3_F2.3d_igs.zip

English

Customer View Model

ENG_CVM_1670144-3_F2.3d_stp.zip

English

Customer View Model

ENG_CVM_1670144-3_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

MCON Interconnection System

English

Product Specifications

Application Specification

English



Application Specification

English