



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: **23 – 22 AWG**

[All MCON, RECEPTACLE AND TAB \(103\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Typical Current Rating	8.75 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	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.25 – .35 mm²
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Wire Size Search	22 AWG, 23 AWG
Wire Insulation Diameter	1.1 – 1.75 mm[.043 – .069 in]

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

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Other

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

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

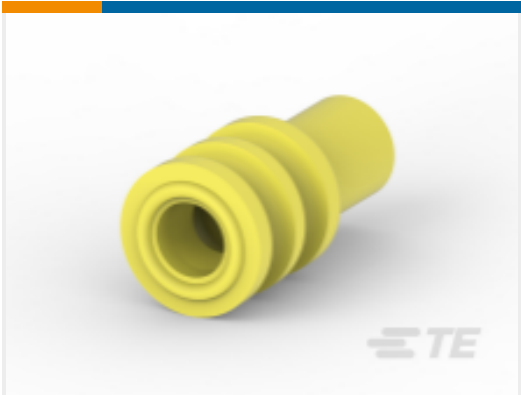
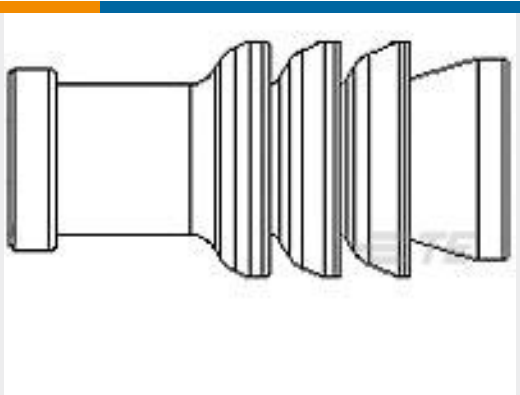
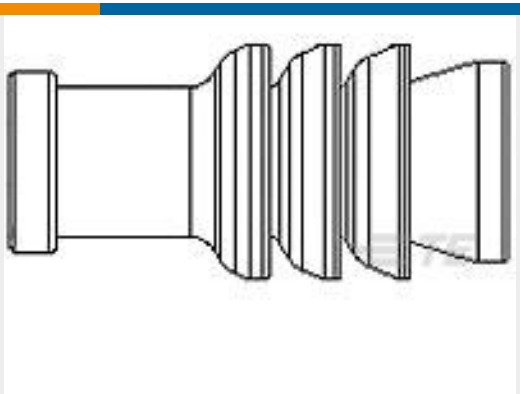
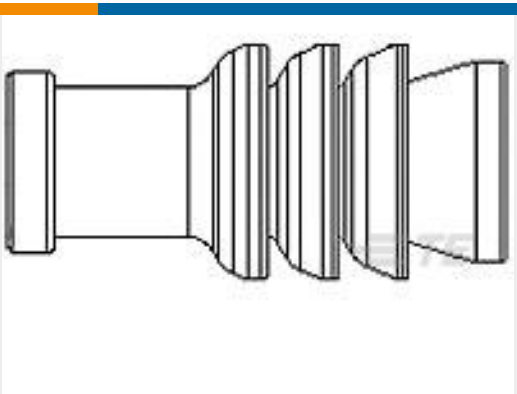
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not 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 # 1452426-1 EXTRACTION TOOL	 TE Part # 964972-1 EINZELLEITERDICTNG	 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED
 TE Part # CAT-M4595-CH8172 MCON, CONNECTOR HOUSING	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 1718348-1 MCON 1.2 CB TAB STC SN	 TE Part # 1-1579007-0 EXTRACTION TOOL
 TE Part # 8-1579008-4 EXTRACTION TOOL	 TE Part # 1579007-8 EXTRACTION TOOL	 TE Part # 967056-1 MQS BLINDSTOPFEN4MM	 TE Part # 967067-1 MQS SGL WIRE SEAL
 TE Part # 1-2005475-2 PCU SLD 105P PLUG ASSY(A-RH)	 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 # 1-2366768-1
4POS,MCON 1.2,REC HSG ASSY,COD
A

TE Part # 1579028-5
EXTRACTION TOOL

Also in the Series | MCON Interconnection System

Automotive Connector Caps & Covers
(24)

Automotive Connector Locks &
Position Assurance(11)

Automotive Housings(288)

Automotive Seals & Cavity Plugs(4)

Automotive Terminals(113)

Insertion & Extraction Tools(31)

Other Automotive Connector
Accessories(6)

PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #1241406-3
AMP MCP, RECEPTACLE AND TAB

TE Part #1670144-1
MCON, RECEPTACLE AND TAB

TE Part #2141892-2
JPT A REC 2.8 Contact SRC Sn

TE Part #2358962-1
MOD II PIN, PRE-TIN PLATED, 21.6mm

TE Part #626064-5
ISOLADOR



Documents

Product Drawings

MCON 1.2 CB REC SRC SN

German

CAD Files

Customer View Model

ENG_CVM_CVM_1534594-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1534594-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1534594-1_E.3d_stp.zip

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

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English