



Terminals & Splices > Automotive Terminals > MCON, RECEPTACLE AND TAB



Terminal & Splice 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: **.25 – .35 mm²**

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

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body
Automotive Terminal Wire Type	Copper

Contact Features

Typical Current Rating	8.75 A
Crimp Type	F-Crimp
Terminal & Splice Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Automotive Terminal Interface Plating	Gold (Au)

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	.25 – .35 mm ²
Wire Size Search	23 AWG



Wire Insulation Diameter	1.1 – 1.75 mm [.043 – .069 in]
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Usage Conditions

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]

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>

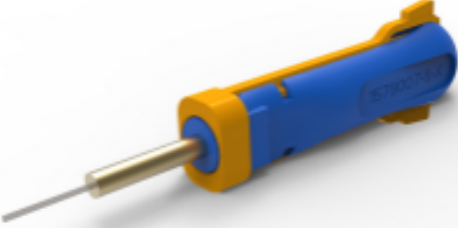
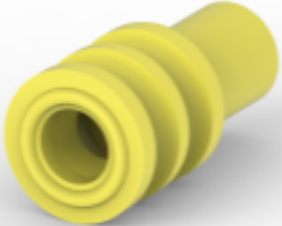
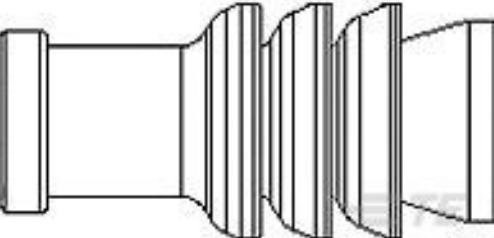
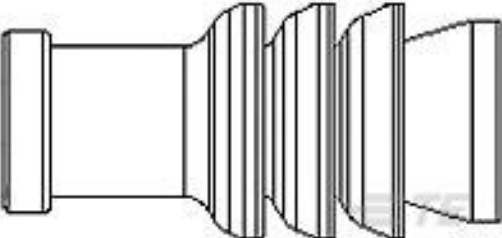
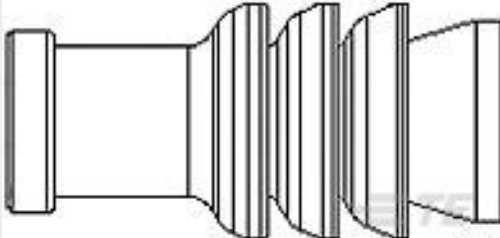
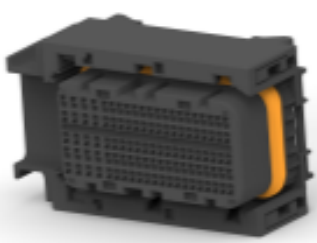
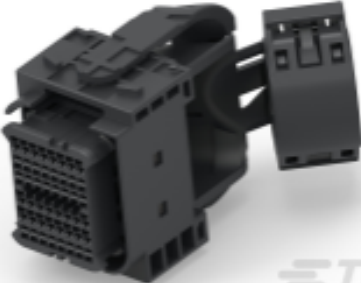
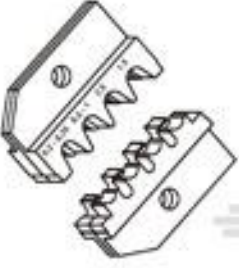
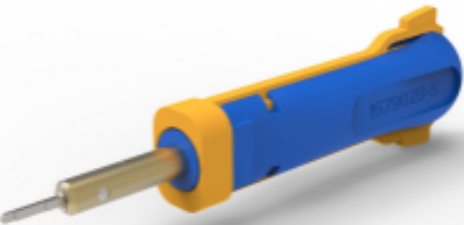
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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>



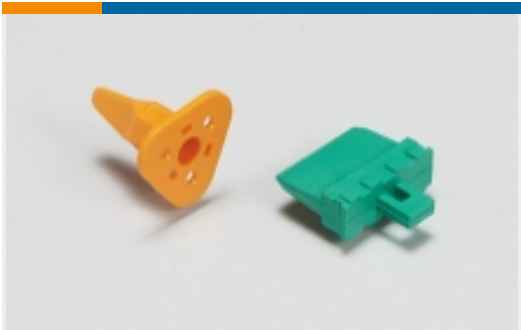
Compatible Parts

 TE Part # 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 # CAT-M4595-T273 MCON, RECEPTACLE AND TAB
 TE Part # 1452426-1 EXTRACTION TOOL	 TE Part # 1-1579007-0 EXTRACTION TOOL	 TE Part # 8-1579008-4 EXTRACTION TOOL	 TE Part # 1579007-8 EXTRACTION TOOL
 TE Part # 964972-1 EINZELLEITERDICTNG	 TE Part # 967056-1 MQS BLINDSTOPFEN4MM	 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELLEITDICHT
 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 # 1579001-6 ERGO DIE 1.2MM CONT	 TE Part # 1579028-5 EXTRACTION TOOL	 TE Part # 2-2151070-1 OCEAN_2.0_APPLICATOR-S-130F180OV

Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(11)



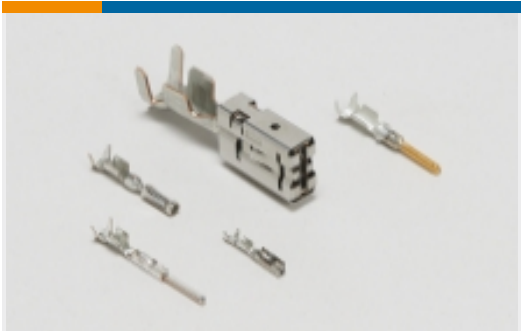
Automotive Headers(1)



Automotive Housings(288)



Automotive Seals & Cavity Plugs(4)



Automotive Terminals(114)

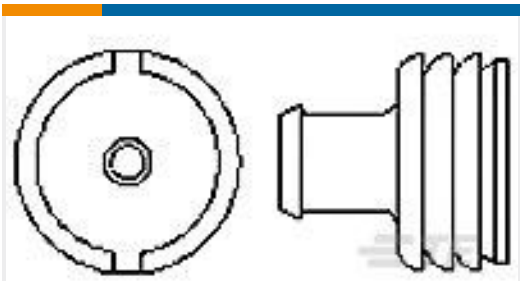


Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #967652-1
PQ BLINDSTOPFEN 8,5



TE Part #1-962919-1
TIMER, RECEPTACLE AND TAB



TE Part #1418844-3
MCON, RECEPTACLE AND TAB



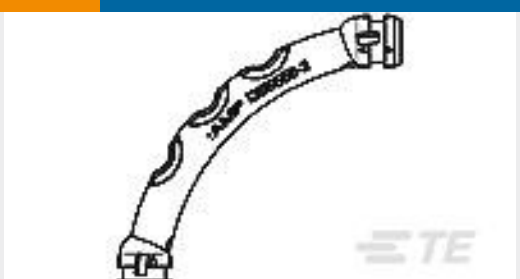
TE Part #1241404-1
AMP MCP, RECEPTACLE AND TAB



TE Part #1393364-1
GET .64 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #1-1355136-3
MQS, CONNECTOR HOUSING



TE Part #1355555-2
LWL KNICKSCHUTZ

Documents

Product Drawings
MCON 1.2 CB REC SRC AU
German

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1534594-2_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1534594-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1534594-2_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

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English