



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: **23 – 22 AWG**

[All MCON, RECEPTACLE AND TAB \(102\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance
Automotive Terminal Wire Type	Copper

Body Features

Automotive Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	10 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	Silver (Ag)



Contact Termination Area Plating Material	Tin (Sn)
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Termination Features

Termination Method to Wire & Cable	Crimp
Automotive Terminal Termination Method	Wire

Dimensions

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

Usage Conditions

Insulation Requirement	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]

Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

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	Out of Scope
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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

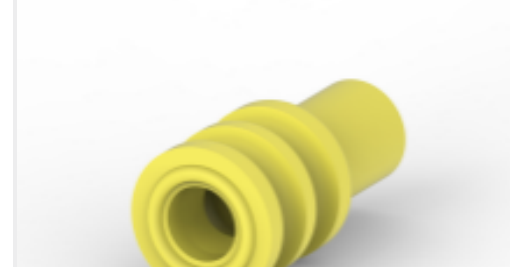
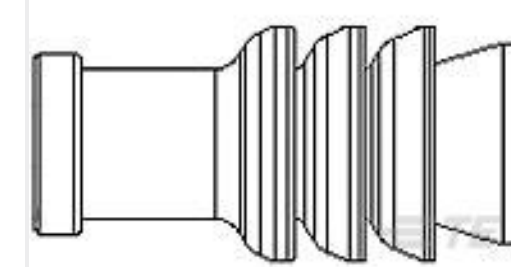
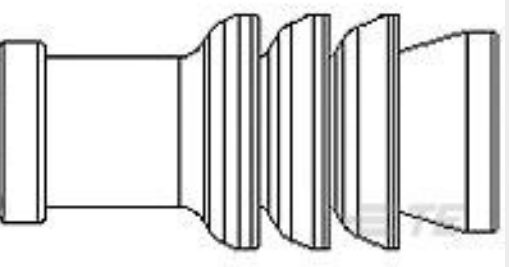
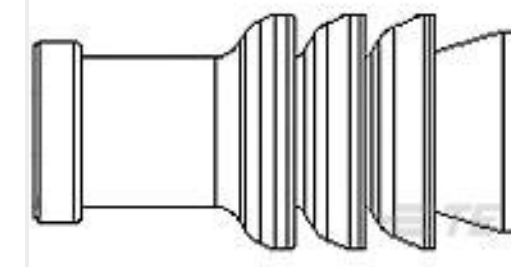
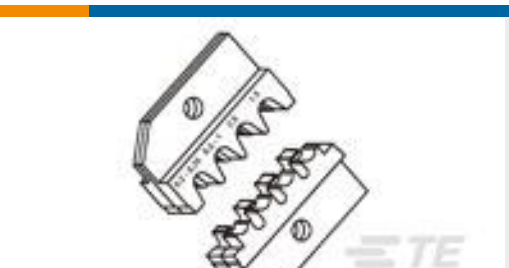
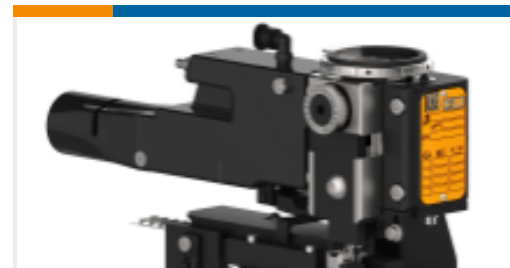
Solder Process Capability

Not reviewed 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 # 5-1579007-3 EXTRACTION TOOL	 TE Part # 964972-1 EINZELLEITERDICTNG	 TE Part # 967067-1 MQS SGL WIRE SEAL
 TE Part # 967067-2 MQS EINZELLEITDICT	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # 1718758-3 MCON 1.2 LL TAB SWS AG	 TE Part # 963142-2 SWS, MQS, CVTY DIA, 4.0, GRY
 TE Part # 4-1579001-7 ERGO DIE SET MCON1.2LL SWS/TAB SWS	 TE Part # 2-2151041-1 OCEAN_2.0_APPLICATOR-S-050F120O	 TE Part # 2-2151041-2 OCEAN_2.0_APPLICATOR-S-050F120O	 TE Part # 2151041-1 OCEAN_2.0_APPLICATOR-S-050F120O



TE Part # 2151041-2
OCEAN_2.0_APPLICATOR-S-050F120O

TE Part # 5-2151041-1
OCEAN_2.0_APPLICATOR-S-050F120O

TE Part # 5-2151041-2
OCEAN_2.0_APPLICATOR-S-050F120O

TE Part # 7-2151041-1
OCEAN_2.0_APPLICATOR-S-050F120O

TE Part # 7-2151041-2
OCEAN_2.0_APPLICATOR-S-050F120O

TE Part # 7-2151041-7
OCEAN_2.0_SPARE_PART_KIT-050F120O

TE Part # 7-2266276-7
OC-050F120O-752-CRIMPTOOLINGKIT

TE Part # 1801600-4
RECEPTACLE HOUSING, MCON, 10 W, SEALED

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(113)

Insertion & Extraction Tools(31)

Other Automotive Connector Accessories(6)

Customers Also Bought

TE Part #1394139-1
8POS MQS REC

TE Part #967067-2
MQS EINZELLEITDICHT

TE Part #965914-1
MT3 REC 1.6 Contact SRC Au

TE Part #7-1452665-1
MCON, RECEPTACLE AND TAB



TE Part #5-962885-1
MQS, RECEPTACLE AND TAB

TE Part #1-1718643-4
2POS, MCON 1.2 LL REC SEALED

TE Part #5-2151734-1
OCEAN-2.0-APPLICATOR-S-070F145O

TE Part #7-2266457-7
OCEAN_2.0_SPARE_PART_KIT-160F200O

Documents

Product Drawings

MCON 1.2 LL REC SWS AG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1452665-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1452665-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1452665-3_A.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