



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



Terminal & Splice Type: **Tab**

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 \(102\)](#)

Features

Product Type Features

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

Contact Features

Crimp Type	F-Crimp
Terminal & Splice Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Automotive Terminal Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

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

Dimensions

Wire Size	.5 – .75 mm ²
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Wire Size Search	18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.4 – 1.9 mm[.055 – .075 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]

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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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>

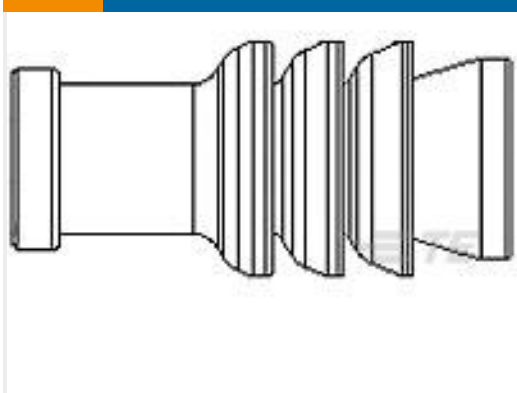
Compatible Parts



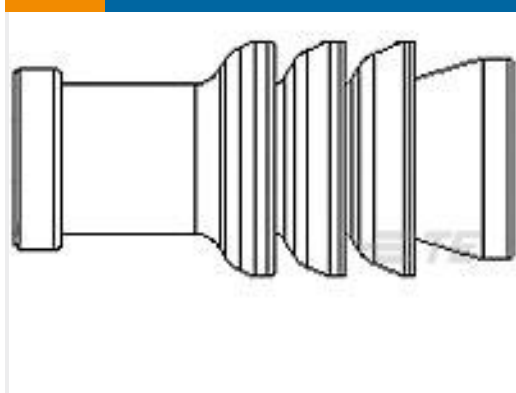
TE Part # 1579007-8
EXTRACTION TOOL



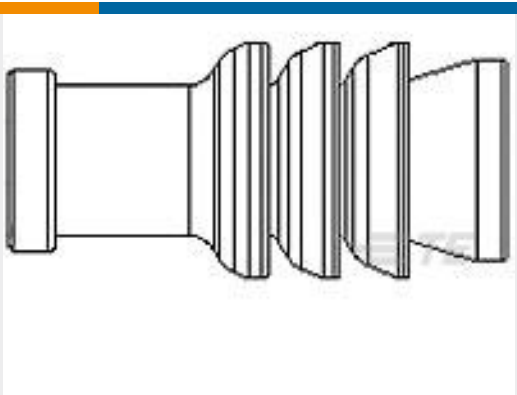
TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 967056-1
MQS BLINDSTOPFEN4MM



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 967067-2
MQS EINZELLEITDICHT



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 1670144-2
MCON 1.2 CB REC SRC AU



TE Part # CAT-M4595-CH8172
MCON, CONNECTOR HOUSING



TE Part # 2151037-1
OCEAN_2.0_APPLICATOR-S-055F072SP



TE Part # 2-2151037-1
OCEAN_2.0_APPLICATOR-S-055F072SP



TE Part # 2-2151037-2
OCEAN_2.0_APPLICATOR-S-055F072SP



TE Part # 2-2836156-1
OCEAN_2.0_APPLICATOR-S-055F072O



TE Part # 2-2836156-2
OCEAN_2.0_APPLICATOR-S-055F072O



TE Part # 2151037-2
OCEAN_2.0_APPLICATOR-S-055F072SP



TE Part # 2836156-1
OCEAN_2.0_APPLICATOR-S-055F072O



TE Part # 2836156-2
OCEAN_2.0_APPLICATOR-S-055F072O



TE Part # 2844610-1
EXT TOOL, MCON 1.2 CB



TE Part # 7-2151037-1
OCEAN_2.0_APPLICATOR-S-055F072SP



TE Part # 7-2151037-2
OCEAN_2.0_APPLICATOR-S-055F072SP



KIT
REPRESENTATION ONLY

TE Part # 7-2151037-7
OCEAN_2.0_SPARE_PART_KIT-055F072SP

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 #1-2141324-1
MCON, CONNECTOR HOUSING



TE Part #6-1393292-3
V23074A2002A403-EV-CBOX



TE Part #1546551-2
2P,STRAIGHT,SIDE ENTRY,3.5MM



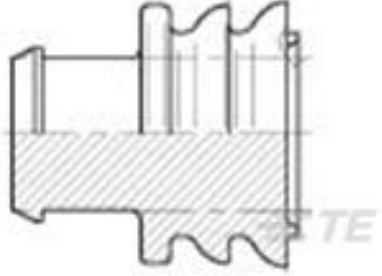
TE Part #7-1879350-6
RR01 5% 300R AMMO



TE Part #HDP26-24-47PE
PLG, 47P, BLK, E, 16/20, P



TE Part #1670144-3
MCON, RECEPTACLE AND TAB



TE Part #828986-1
DICHT-STOPFEN



TE Part #2292937-1
2POS,1.2X0.6,TAB HSG ASSY,SLD, COD A



Documents

Product Drawings

MCON 1.2 CB TAB STC AU

English

MCON 1.2 CB TAB STC AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718350-2_B_c-1718350-2-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1718350-2_B_c-1718350-2-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718350-2_B_c-1718350-2-b.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

CONNECTIVITY SOLUTIONS FOR INFOTAINMENT APPLICATIONS

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English