



Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal 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 \(99\)](#)

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
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .075 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

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

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>

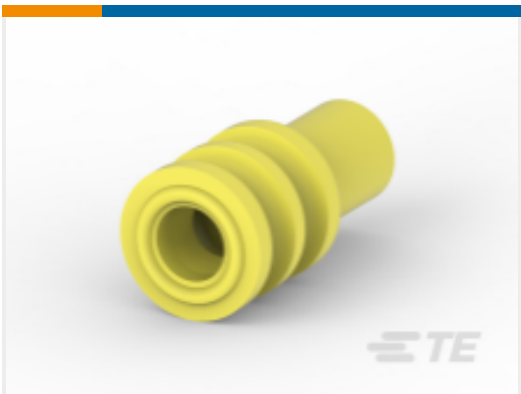
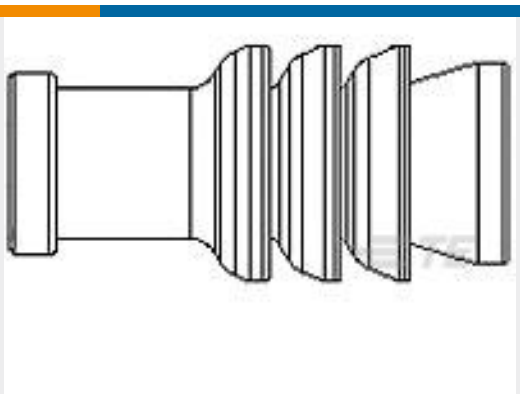
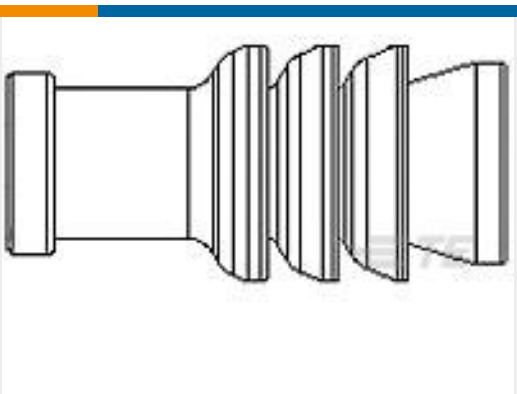
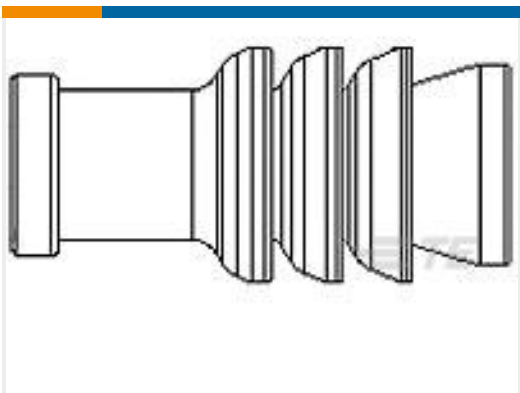
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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 # 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 EINZELLEITDICTH	 TE Part # 1670144-2 MCON 1.2 CB REC SRC AU	 TE Part # 2151037-1 OCEAN_2.0_APPlicATOR-S-055F072SP	 TE Part # 2151037-2 OCEAN_2.0_APPlicATOR-S-055F072SP
 TE Part # 2272160-1 2POS, MCON 1.2 CB TAB 2p TL UNSEALED	 TE Part # 2272160-2 2POS, MCON 1.2 CB TAB 2p TL UNSEALED	 TE Part # 2301461-2 30POS, HYBRID, TAB HSG ASSY, SLD, COD B	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 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

TE Part # 7-2836156-1
OCEAN_2.0_APPLICATOR-S-055F072O

TE Part # 7-2836156-2
OCEAN_2.0_APPLICATOR-S-055F072O

Also in the Series | MCON Interconnection System

Automotive Connector Caps & Covers (21)

Automotive Connector Locks & Position Assurance (11)

Automotive Housings (288)

Automotive Terminals (119)

Connector Seals & Cavity Plugs (11)

Insertion & Extraction Tools (31)

Other Automotive Connector Accessories (2)

PCB Headers & Receptacles (2)

Customers Also Bought

TE Part #1670144-2
MCON Receptacle and Tab

TE Part #1-1333202-8
ANVIL, COMBINATION .062

TE Part #2292906-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A

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

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

TE Part #3-1633962-0
CRIMPER, INSULATION F PREMIUM

ANVIL
REPRESENTATION ONLY

TE Part #8-1333201-0
ANVIL, COMBINATION .055

TE Part #2119791-7
Depressor, Wire



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

Application Specification

English

Application Specification

English