



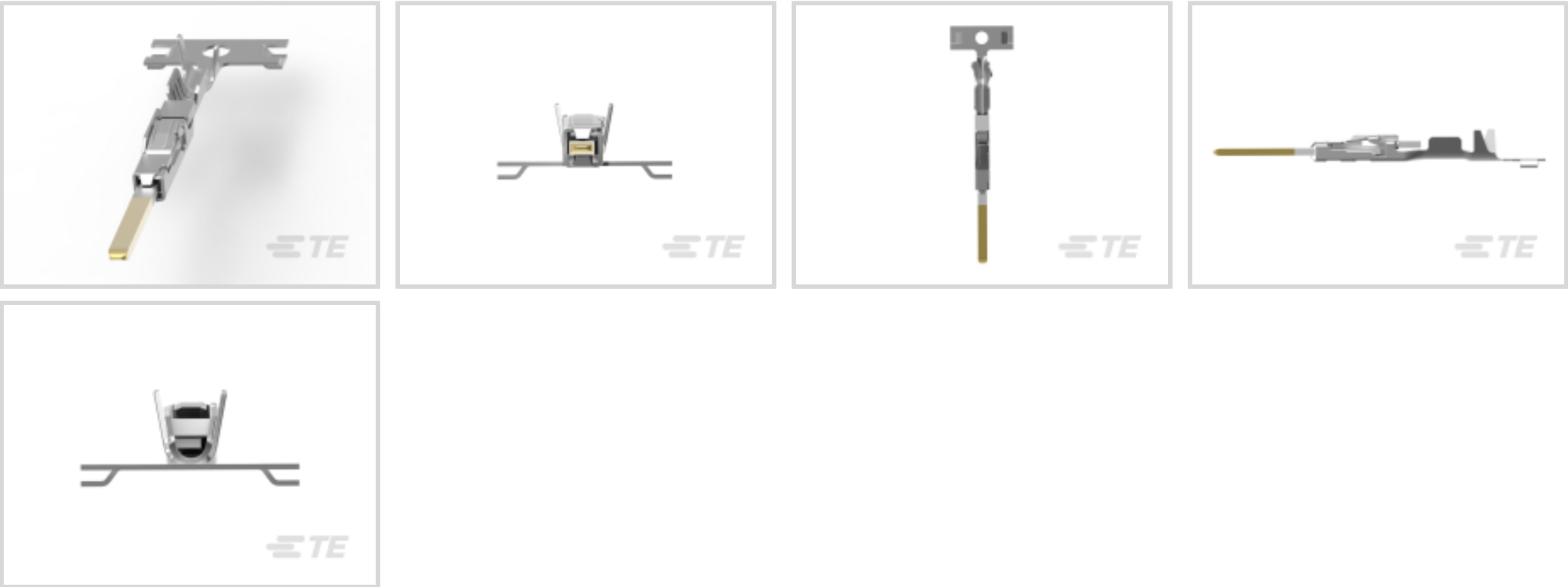
MCON | MCON 1.2mm

TE Internal #: 5-1418760-2

Tab, Mating Tab Width 1.15 mm [.045 in], Tab Thickness .6 mm [.024 in], 20 – 18 AWG Wire Size, MCON 1.2mm, Automotive Terminals

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Tab**
Mating Tab Width: **1.15 mm [.045 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 \(65\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.15 mm[.045 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



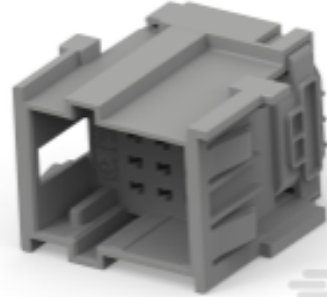
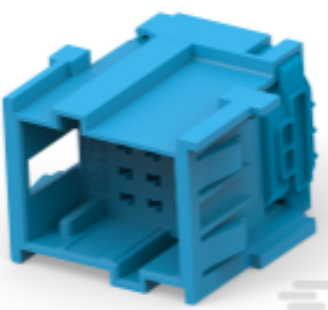
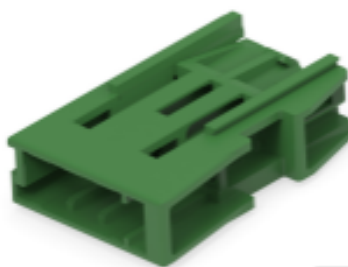
Product Terminates To	Wire
Dimensions	
Compatible Insulation Diameter Range	1.4 – 1.9 mm[.055 – .075 in]
Wire Size	.5 – .75 mm²
Wire Size Search	18 AWG, 19 AWG, 20 AWG
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °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	8000
Packaging Method	Reel
Other	
Terminal Transmits	0 – 24 A (Low Power)
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 5-1579007-3 EXTRACTION TOOL	 TE Part # 7-1452656-2 MCON 1.2 LL REC SRC AU	 TE Part # CAT-LMPH9507 Low & Medium Power Header	 TE Part # 2151300-1 OCEAN_2.0_APPLICATOR-S-055F072SP-RSM
 TE Part # 2151300-2 OCEAN_2.0_APPLICATOR-S-055F072SP-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2382874-1 16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD A	 TE Part # 2382874-2 16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD B
 TE Part # 2382874-3 16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD C	 TE Part # 2382874-4 16POS,1.2X0.63,TAB HSG ASSY, UNSLD,COD D	 TE Part # 2382878-1 3POS,1.2X0.63,TAB HSG, UNSLD,COD A	 TE Part # 2382878-3 3POS,1.2X0.63,TAB HSG, UNSLD,COD C



TE Part # 2382878-4
3POS, 1.2X0.63, TAB HSG, UNSLD, COD D

TE Part # 4151005-1
APPLICATOR TO MAKE LOOSE PIECE-RSM

TE Part # 4151005-2
APPLICATOR TO MAKE LOOSE PIECE-RSA

TE Part # 5-2151300-1
OCEAN_2.0_APPLICATOR-S-055F072SP-RSM

TE Part # 5-2151300-2
OCEAN_2.0_APPLICATOR-S-055F072SP-RSA

TE Part # 6-1579018-1
EXTRACTION TOOL

TE Part # 7-2151300-7
OCEAN_2.0_SPARE_PART_KIT-055F072SP

TE Part # 7-2266368-7
OC-055F072SP-752-CRIMPTOOLINGKIT

Also in the Series | MCON 1.2mm

Automotive Connector Caps & Covers (18)

Automotive Connector Locks & Position Assurance (10)

Automotive Housings (328)

Automotive Terminals (96)

Connector Seals & Cavity Plugs (11)

Insertion & Extraction Tools (5)

Other Automotive Connector Accessories (7)

Customers Also Bought

TE Part #5-1534116-2
MQS, RECEPTACLE AND TAB

TE Part #343445-2
AMP-IN MINI (SPECIAL) 18.5-14 AWG

TE Part #2-968322-1
20POS MQS REC COD B

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



Documents

Product Drawings
MCON 1.2 LL TAB STC AU
English

CAD Files
Customer View Model
ENG_CVM_CVM_5-1418760-2_A.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5-1418760-2_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5-1418760-2_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications
Application Specification
German
Application Specification
English
Application Specification
English