



AMP | MCON Interconnection System

TE Internal #: 5-1418760-2

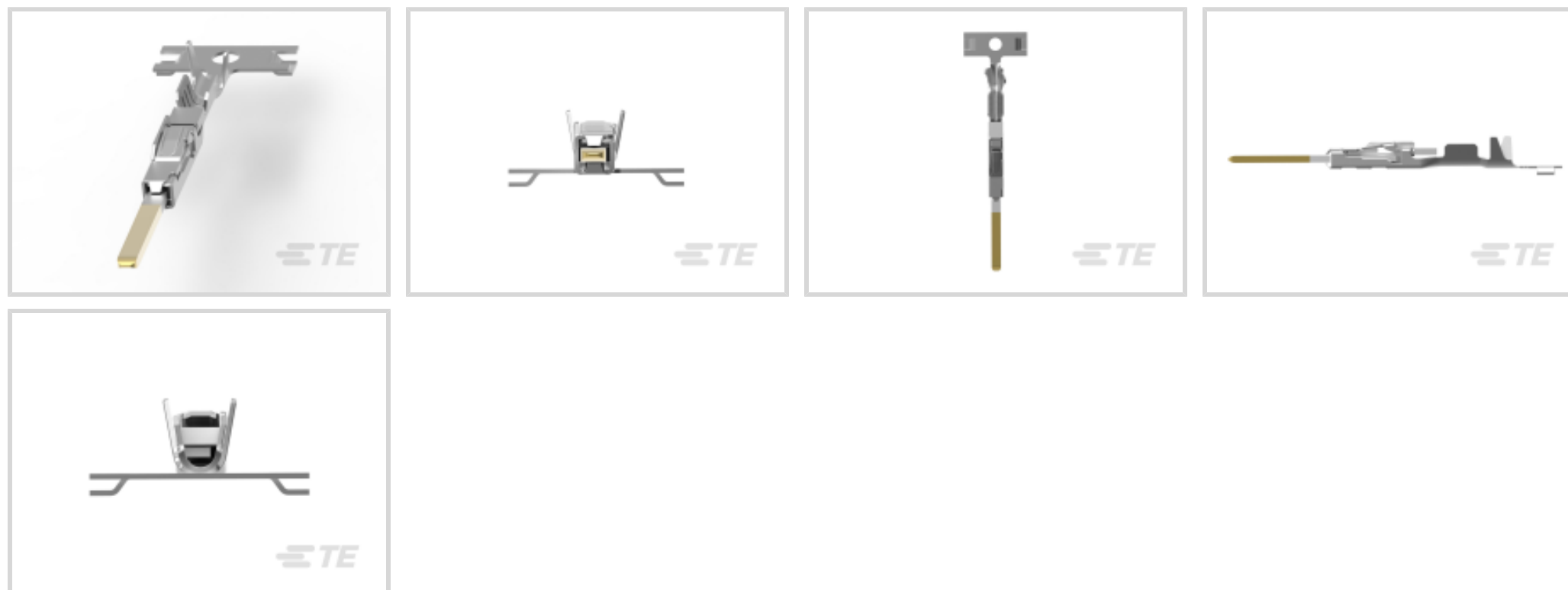
Automotive Terminals, Tab, Mating Tab Width 1.15 mm [.045 in],

Tab Thickness .024 in [.6 mm], 20 – 18 AWG Wire Size, MCON

Interconnection System

[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 \(103\)](#)

**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
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Product Terminates To

Wire

### Dimensions

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

### 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

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	8000

### Other

Terminal Transmits	0 – 24 A (Low Power)
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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 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 # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 7-1452656-2  
MCON 1.2 LL REC SRC AU



TE Part # CAT-LMPH9507  
LOW & MEDIUM POWER HEADER




TE Part # 2-2151300-1  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 2-2151300-2  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 2-4151005-1  
APPLICATOR TO MAKE LOOSE PIECE TERMINALS



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



TE Part # 2151300-1  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 2151300-2  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



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



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




TE Part # 5-2151300-1  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 5-2151300-2  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 6-1579018-1  
EXTRACTION TOOL



TE Part # 7-2151300-1  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 7-2151300-2  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 7-2151300-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F072SP




TE Part # 7-2266368-7  
OC-055F072SP-752-CRIMP TOOLING KIT



TE Part # 7-4151005-1  
APPLICATOR TO MAKE LOOSE PIECE TERMINALS


## Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers (24)




Automotive Connector Locks & Position Assurance(11)




Automotive Housings(288)




Automotive Seals & Cavity Plugs(4)



Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

## Customers Also Bought



TE Part #1534579-1  
MQS, CONNECTOR HOUSING



TE Part #1241406-3  
AMP MCP 6.3/4.8K, CONTACT

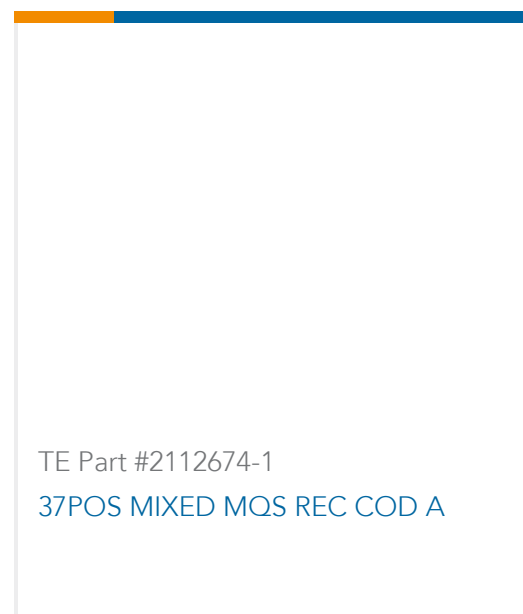


TE Part #5-1418758-1  
MCON 1.2 LL TAB STC SN



TE Part #1-1355034-1  
JPT KONTSICHERUNG8P





## 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.

### Datasheets & Catalog Pages

#### MCON Interconnection System

English

### Product Specifications

#### Product Specification

English

### Product Environmental Compliance

[MD\\_5-1418760-2\\_05252018519\\_dmtec](#)

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English

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English