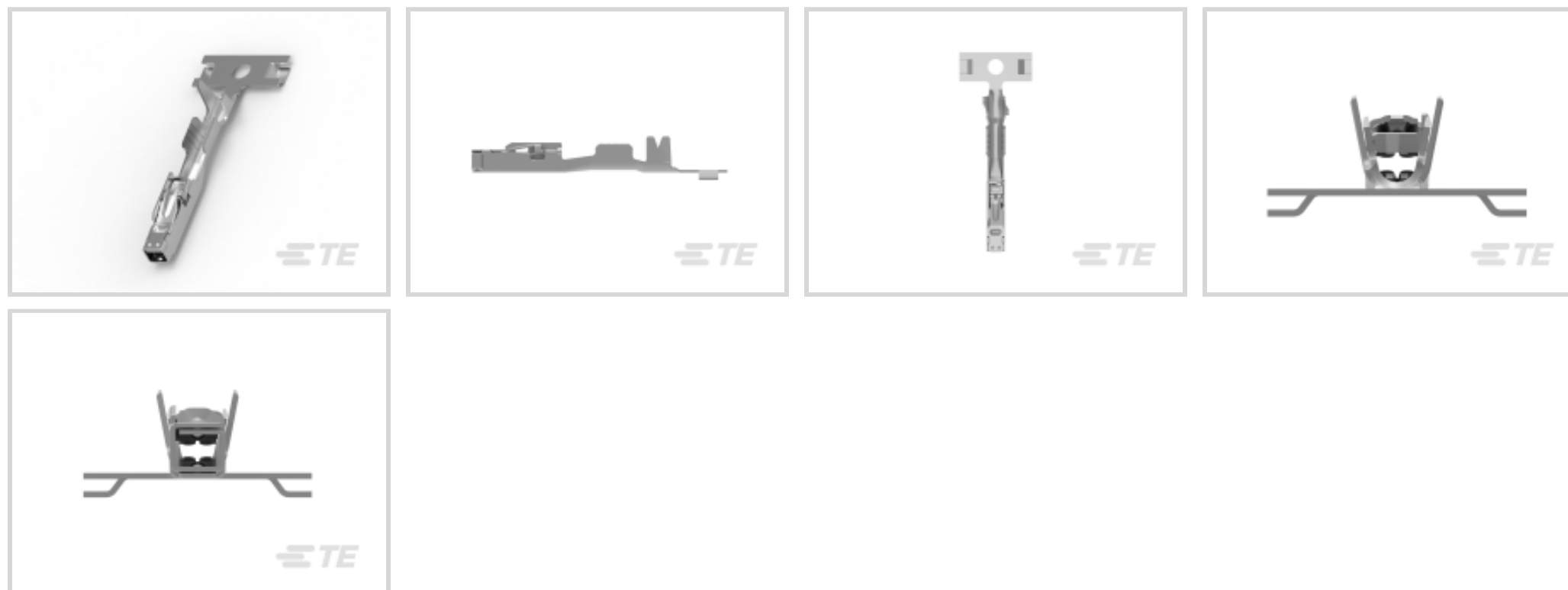




Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal 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: 20 – 18 AWG

[All MCON Receptacle and Tab \(103\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	16 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.2 mm [.047 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Tin (Sn)



### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm [.051 – .074 in]
Wire Size	.5 – .75 mm <sup>2</sup>
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 [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	LV214
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### 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](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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC














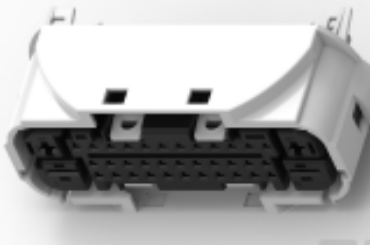
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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**Product Compliance Disclaimer**

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

 <p>TE Part # 5-1579007-3 EXTRACTION TOOL</p>	 <p>TE Part # 2-1670916-1 2POS, MCON 1.2 LL REC SEALED</p>	 <p>TE Part # 1-1670916-1 2POS, MCON 1.2 LL REC SEALED</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>
 <p>TE Part # 1-1743447-2 ACTION PIN FOR 1.2mm TAB</p>	 <p>TE Part # 5-1418760-1 MCON 1.2 LL TAB STC SN</p>	 <p>TE Part # 2151037-1 OCEAN_2.0_APPLICATOR-S-055F072SP</p>	 <p>TE Part # 1563125-1 10POS, MIXED, TAB HSG</p>
 <p>TE Part # 1563123-1 10POS, MIXED, REC HSG</p>	 <p>TE Part # 1-1670919-3 6POS, MCON 1.2, REC HSG ASSY, SLD, COD A</p>	 <p>TE Part # 1563123-2 10POS, MIXED, REC HSG</p>	 <p>TE Part # 2-1670442-9 38POS, MIXED, REC. HSG</p>




TE Part # 2151037-2  
OCEAN\_2.0\_APPLICATOR-S-055F072SP



TE Part # 2203464-1  
14P Unsealed MCON 1.2 Plug, Key A



TE Part # 2203464-2  
14P Unsealed MCON 1.2 Plug, Key B



TE Part # 2366036-1  
48POS,MCON 1.2,REC HSG ASSY, UNSLD,COD A



TE Part # 2366036-2  
48POS,MCON 1.2,REC HSG ASSY, UNSLD,COD B



TE Part # 2366036-3  
48POS,MCON 1.2,REC HSG ASSY, UNSLD,COD C




TE Part # 2366036-4  
48POS,MCON 1.2,REC HSG ASSY, UNSLD,COD D



TE Part # 2382871-1  
16POS,MCON 1.2,REC HSG ASSY, UNSLD,COD A


Also in the Series | MCON Interconnection System




Automotive Connector Caps & Covers (24)




Automotive Connector Locks & Position Assurance(11)




Automotive Housings(320)




Automotive Terminals(122)



Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(2)

Customers Also Bought



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



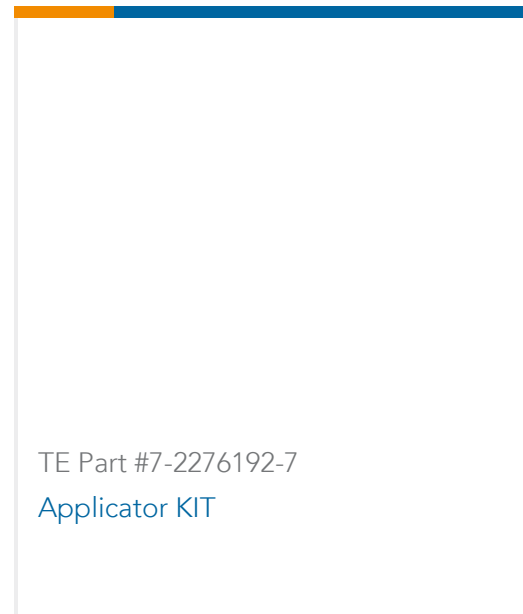
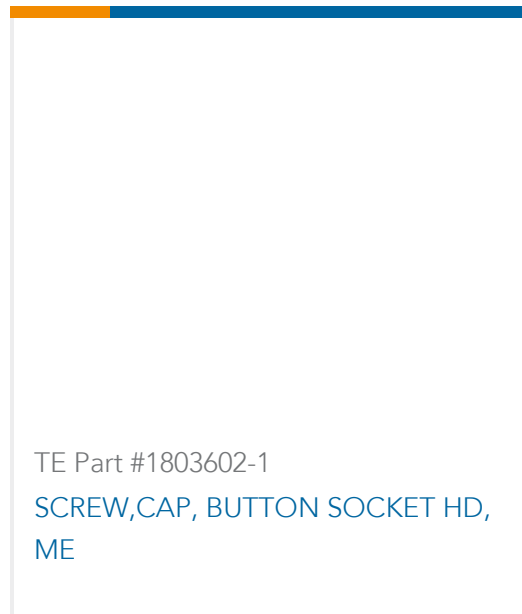
TE Part #6-1379731-3  
18pos MQS .63 header 90deg THR



TE Part #1418990-1  
SOCKET CONTACT PLUG



TE Part #1418993-1  
FERRULE



## Documents

### Product Drawings

#### MCON 1.2 LL REC SRC SN

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1452656-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1452656-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1452656-1\\_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

#### Application Specification

English

7-1452656-1

Automotive Terminals, Receptacle, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .6 mm [.024 in], 20 – 18 AWG Wire Size, MCON Interconnection System

