# 1718760-2 ✔ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1718760-2

Tab Terminal, 20 – 18 AWG, .5 – .75 mm² Wire, 1.2 mm [.047 in] Tab Width, Gold (Au), Sealable, .6 mm [.024 in] Tab Thickness, MCON 1.2mm

View on TE.com >

Automotive Parts > Automotive Terminals > MCON 1.2 Locking Lance Receptacle and Tab Terminals



Terminal Type: **Tab**

Wire Size: **20 – 18 AWG**

Mating Tab Width: **1.2 mm [ .047 in ]**

Interface Plating: **Gold (Au)**

All MCON 1.2 Locking Lance Receptacle and Tab Terminals (14)

## Features

### Product Type Features

| | |
|---|---|
| Receptacle Style | 180° |
| Primary Locking Feature | Locking Lance |
| Sealable | Yes |

### Body Features

| | |
|---|---|
| Terminal Seal Type | Single Wire Seal (SWS) |

### Contact Features

| | |
|---|---|
| Typical Current Rating | 10 A |
| Crimp Type | F-Crimp |
| Contact Size | 1.2mm |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Terminal Type | Tab |
| Mating Tab Width | 1.2 mm[.047 in] |
| Interface Plating | Gold (Au) |
| Mating Tab Thickness | .6 mm[.024 in] |

### Termination Features

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

| | |
|---|---|
| Product Terminates To | Wire |

### Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | 1.4 – 1.9 mm[.055 – .074 in] |
| Wire Size | 20 – 18 AWG |
| Tab Length | 25.6 mm[1 in] |

### Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature (Max) | 150 °C[302 °F] |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

### Operation/Application

| | |
|---|---|
| Compatible With Wire Base Material | Copper |
| Conforms to Automation Guideline | Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018) |

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | LV214 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Reel |
| Packaging Quantity | 6000 |

### 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |

| | |
|---|---|
| Halogen Content | Low Halogen - Br, Cl, F < 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



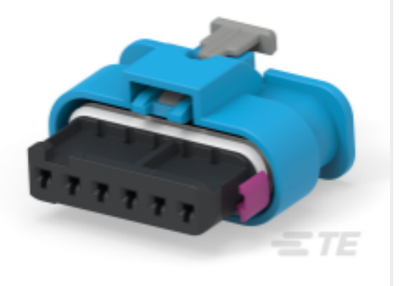
TE Part # 1801610-1
BULK HEAD, MCON, 10W, CLIPPED



TE Part # 1801606-2
TAB HOUSING, MCON, 10 W, SEALED




TE Part # 2063537-1
SDE MCON1.2 0.5-0.75mm2 ASSY



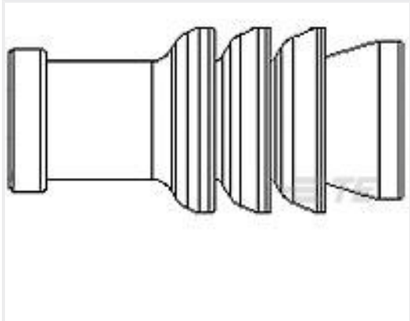
TE Part # CAT-N14-RC4812
48V Ready 1.2mm Sealed Connectors



TE Part # 2151477-1
OCEAN_2.0_APPLICATOR-S-055F125F-RSM




TE Part # 7-2151477-7
OCEAN_2.0_SPARE_PART_KIT-055F125F



TE Part # 967067-1
MQS SGL WIRE SEAL



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 1-1703498-4
2POS, MCON 1.2 LL TAB SEALED COD A



TE Part # 2151477-2
OCEAN_2.0_APPLICATOR-S-055F125F-RSA



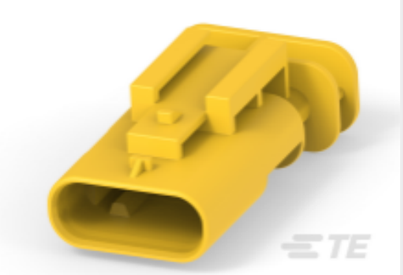
TE Part # 2063537-2
SDE MCON1.2 0.5-0.75mm2 DIE SET



TE Part # 3-1564559-4
4POS, MCON 1.2 LL TAB SEALED COD C



TE Part # 5-1579007-3
EXTRACTION TOOL



TE Part # 1-1564559-4
4POS, MCON 1.2 LL TAB SEALED COD A



TE Part # 3-1579028-8
EXTRACTION TOOL



TE Part # 2-1703498-4
2POS, MCON 1.2 LL TAB SEALED COD B



TE Part # 967067-2
MQS EINZELLEITDICHT



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 1-2141520-4
5POS, MCON 1.2 LL TAB SEALED COD A

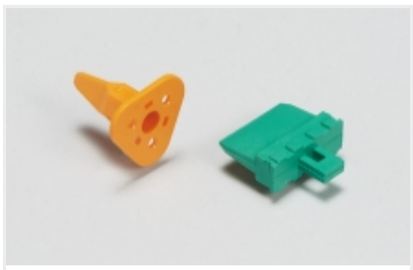


TE Part # 1801606-5
TAB HOUSING, MCON, 10 W, SEALED

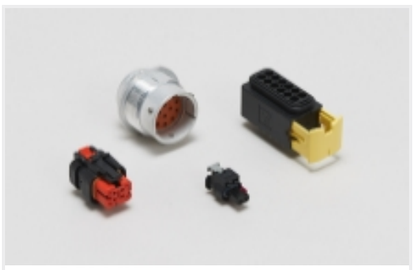
## Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers (15)



Automotive Connector Locks & Position Assurance(9)



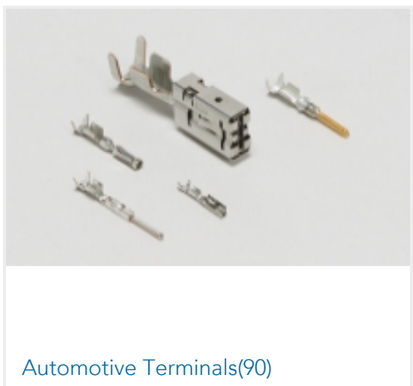
Automotive Housings(353)



Automotive Seals & Cavity Plugs(16)



Automotive Signal & Power Connector Housings(349)

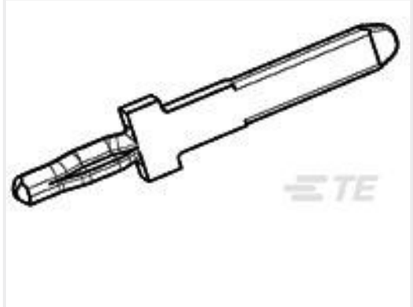


Automotive Terminals(90)

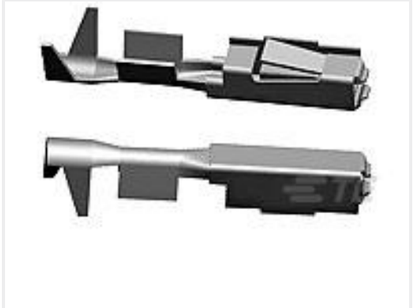
## Customers Also Bought



TE Part #ASL206-05SN-HE
RECEPT.ASSY.PCB. 2 HOLE MNT. MICRO MK3



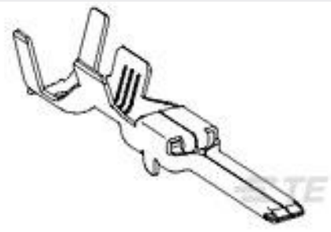
TE Part #368405-2
ACTION PIN FOR 040 TAB



TE Part #968680-2
MPQ2,8 Sn rec LL EDS 0,35-0,5



TE Part #1241388-1
AMP MCP 2.8K, CONTACT



TE Part #1326031-4
2.8MM BLD,SEAL,16AWG



TE Part #1-2203771-1
3POS, MCON 1.2 CB REC 1p TL SEALED



TE Part #2208306-1
COVER,FOR 8WAY MQS WITH SB



TE Part #2360000-1
MATE-AX/FAKRA II,CABLE ASSY

TE Part #2403750-1
28POS,1.5X0.6,TAB HSG ASSY,SLD, COD A



TE Part #1-2429936-1
5POS,MCON 1.2,TAB HSG ASSY,SLD, COD A

## Documents

### Product Drawings

MCON 1.2 LL TAB SWS AU

English

MCON 1.2 LL TAB SWS AU

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1718760-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718760-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718760-2_B.3d_stp.zip

English

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### Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English