

1718760-2 ✓ ACTIVE

MCON | MCON 1.2mm

TE Internal #: 1718760-2

Tab, Mating Tab Width 1.2 mm [.05 in], Tab Thickness .62 mm [.02 in], 20 – 18 AWG Wire Size, .5 – .75 mm<sup>2</sup> Wire Size, MCON 1.2mm, Automotive Terminals

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Terminals & Splices > Automotive Terminals > MCON 1.2 Locking Lance Receptacle and Tab Terminals



Terminal Type: **Tab**

Mating Tab Width: **1.2 mm [.05 in]**

Mating Tab Thickness: **.62 mm [.02 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 18 AWG**

[All MCON 1.2 Locking Lance Receptacle and Tab Terminals \(18\)](#)

## Features

### Industry Standards

Compatible With Agency/Standards Products	LV214
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### Operation/Application

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

### Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

### Usage Conditions

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

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Product Type Features

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Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

### Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm [.051 – .074 in]
Wire Size	.5 – .75 mm <sup>2</sup>
Tab Length	25.6 mm [1 in]

### 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 [.05 in]
Mating Tab Thickness	.62 mm [.02 in]
Interface Plating	Gold (Au)

### Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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### Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)









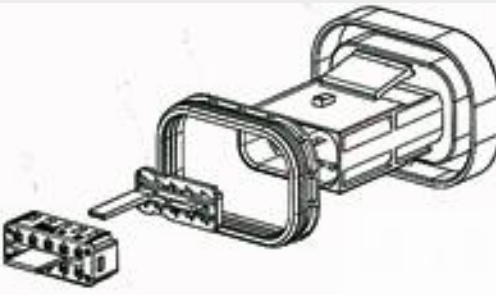
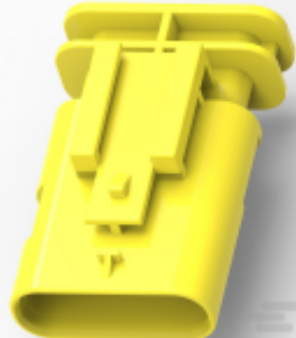


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 applicable for solder process capability

Product Compliance Disclaimer

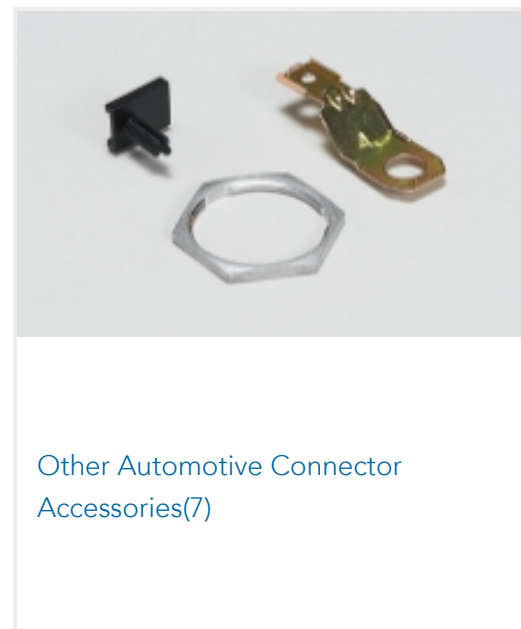
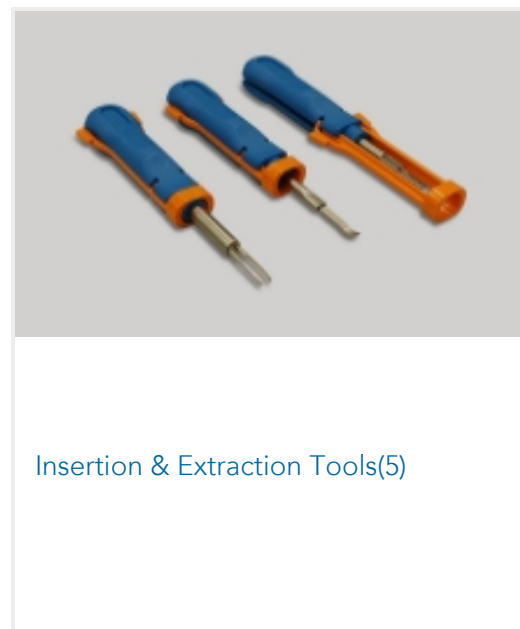
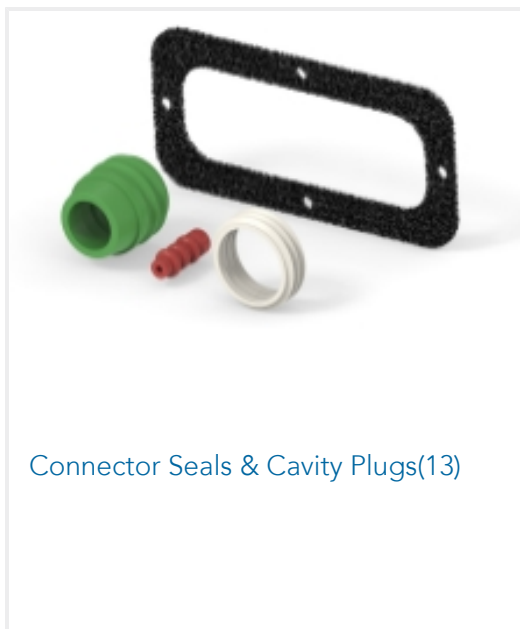
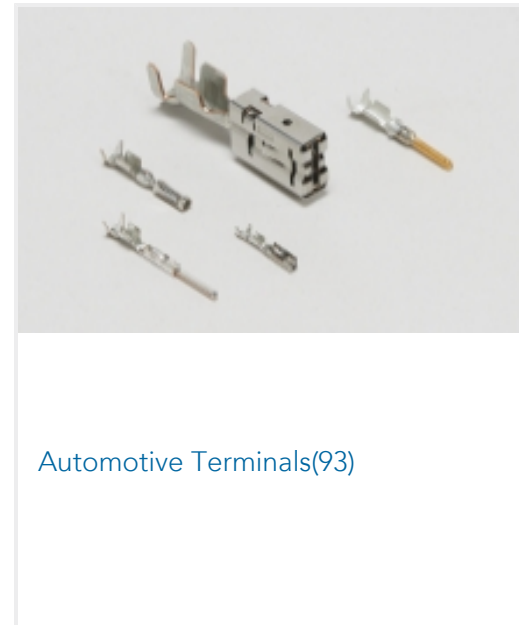
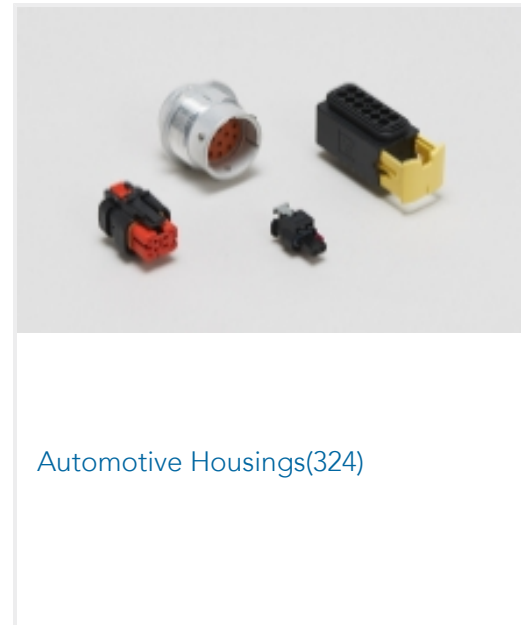
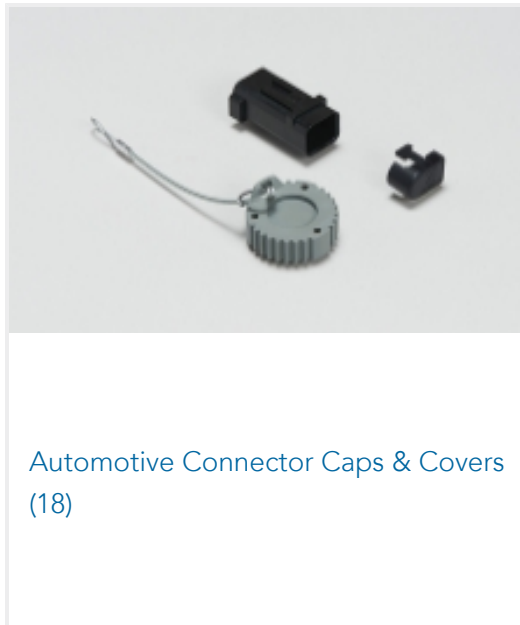
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # CAT-N14-MSTH12128 MCON 1.2, 1-row, 2-8 POS TAB Housing, Sealed</p>	 <p>TE Part # CAT-NC1-NMA12 NextGen &amp; NextGen Plus MCON 1.2 Locking Lance Single Wire Seals and Cavity Plugs</p>	 <p>TE Part # 5-1579007-3 EXTRACTION TOOL</p>	 <p>TE Part # 1-1703494-4 3POS, MCON 1.2 LL TAB SEALED COD A</p>
 <p>TE Part # 964972-1 EINZELLEITERDICHTNG</p>	 <p>TE Part # 7-1452668-2 MCON 1.2 LL REC SWS AU</p>	 <p>TE Part # 3-1579028-8 EXTRACTION TOOL</p>	 <p>TE Part # 2-1564559-4 4POS, MCON 1.2 LL TAB SEALED COD B</p>
 <p>TE Part # 1801610-1 BULK HEAD, MCON, 10W, CLIPPED</p>	 <p>TE Part # 1-2141520-4 5POS, MCON 1.2 LL TAB SEALED COD A</p>	 <p>TE Part # 1801606-1 TAB HOUSING, MCON, 10 W, SEALED</p>	 <p>TE Part # 1801606-2 TAB HOUSING, MCON, 10 W, SEALED</p>

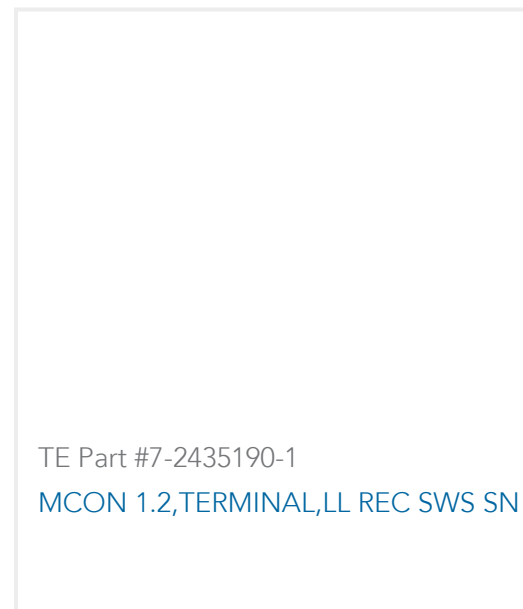
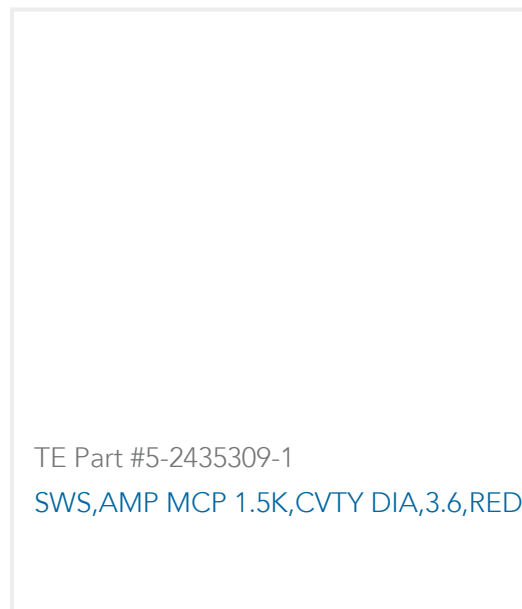
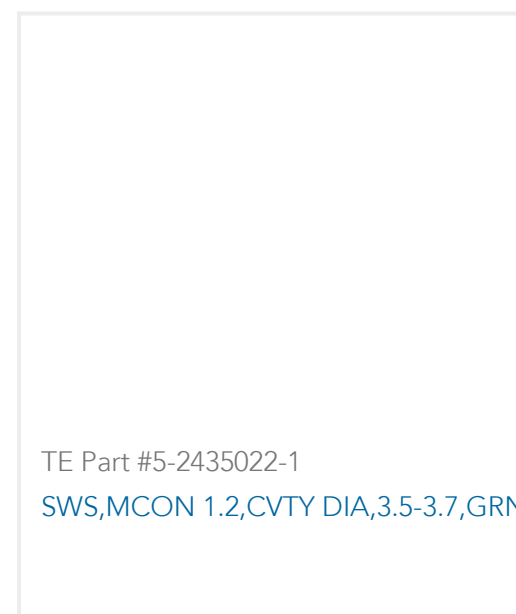


## Also in the Series | MCON 1.2mm



## Customers Also Bought





## 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

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