

5-1418758-3 ✓ ACTIVE

AMP | MCON Interconnection System

TE Internal #: 5-1418758-3

Automotive Terminals, Tab, Mating Tab Width 1.2 mm [.047 in], Tab

Thickness .024 in [.6 mm], 23 – 22 AWG Wire Size, MCON

Interconnection System

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Terminals & Splices > Automotive Terminals > MCON, RECEPTACLE AND TAB



Terminal Type: **Tab**

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

Mating Tab Thickness: **.6 mm [.024 in]**

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

Wire Size: **23 – 22 AWG**

[All MCON, RECEPTACLE AND TAB \(103\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm [.047 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Silver (Ag)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	.25 – .35 mm <sup>2</sup>
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Wire Size Search	22 AWG, 23 AWG
Wire Insulation Diameter	1.1 – 1.75 mm [.043 – .069 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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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	9000

### Other

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



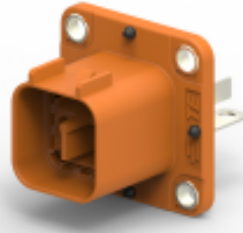













For compliance documentation, visit the product page on [TE.com](https://www.te.com)>


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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

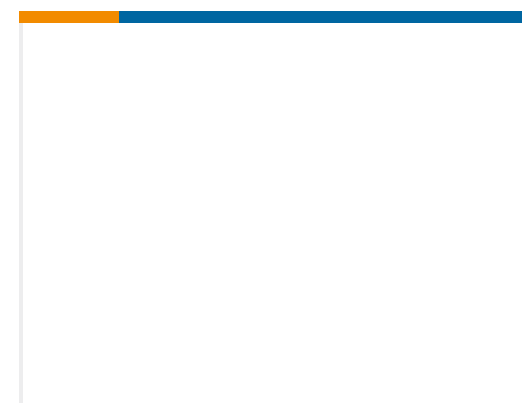
 <p>TE Part # 5-1579007-3 EXTRACTION TOOL</p>	 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 1-2141272-1 2POS, MIXED, HEADER ASSY, CODA</p>	 <p>TE Part # 7-1452653-3 MCON 1.2 LL REC SRC AG</p>
 <p>TE Part # CAT-M4595-CH8172 MCON, CONNECTOR HOUSING</p>	 <p>TE Part # 1-2371113-1 3POS, DIA 4MM, PIN HSG ASSY, SLD, COD A</p>	 <p>TE Part # 1-2371113-2 3POS, DIA 4MM, PIN HSG ASSY, SLD, COD B</p>	 <p>TE Part # 2-2151311-1 OCEAN_2.0_APPLICATOR-S-050F0700</p>
 <p>TE Part # 2-2151311-2 OCEAN_2.0_APPLICATOR-S-050F0700</p>	 <p>TE Part # 2-2371113-1 2POS, DIA 4MM, PIN HSG ASSY, SLD, COD A</p>	 <p>TE Part # 2-2371113-2 2POS, DIA 4MM, PIN HSG ASSY, SLD, COD B</p>	 <p>TE Part # 2-2371113-3 2POS, DIA 4MM, SOC HSG ASSY, SLD, COD C</p>
 <p>TE Part # 2151311-1 OCEAN_2.0_APPLICATOR-S-050F0700</p>	 <p>TE Part # 2151311-2 OCEAN_2.0_APPLICATOR-S-050F0700</p>	 <p>TE Part # 2371113-1 3POS, DIA 4MM, PIN HSG ASSY, COD A</p>	 <p>TE Part # 2371113-2 3POS, DIA 4MM, PIN HSG ASSY, SLD, COD B</p>



TE Part # 2371113-3  
3POS,DIA 4MM,PIN HSG ASSY,SLD,  
COD C



TE Part # 3-2371113-1  
2POS,DIA 4MM,PIN HSG ASSY,SLD,  
COD A




TE Part # 3-2371113-2  
2POS,DIA 4MM,PIN HSG ASSY,SLD,  
COD B



TE Part # 5-2151311-1  
OCEAN\_2.0\_APPLICATOR-S-  
050F0700


## Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers  
(24)



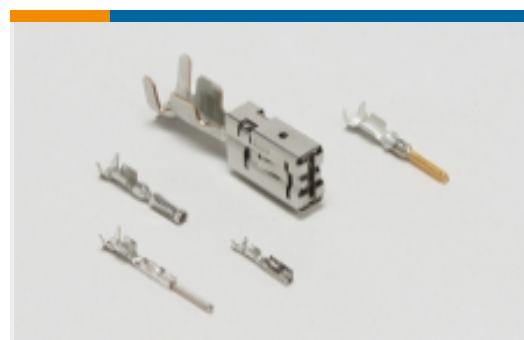
Automotive Connector Locks &  
Position Assurance(11)




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




TE Part #5-928999-6  
MQS, RECEPTACLE AND TAB




TE Part #2-968050-2  
TAB 5.8x0.8 CONTACT CF SRC Ag




TE Part #1-2321899-1  
HEADER ASSEMBLY FOR HVA630  
3WAY



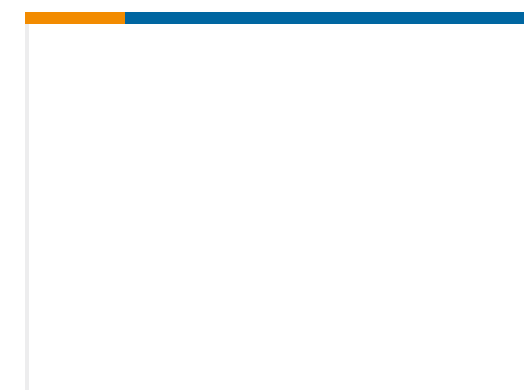
TE Part #2310540-1  
HVA280 2P HEADER ASSY, KEY A



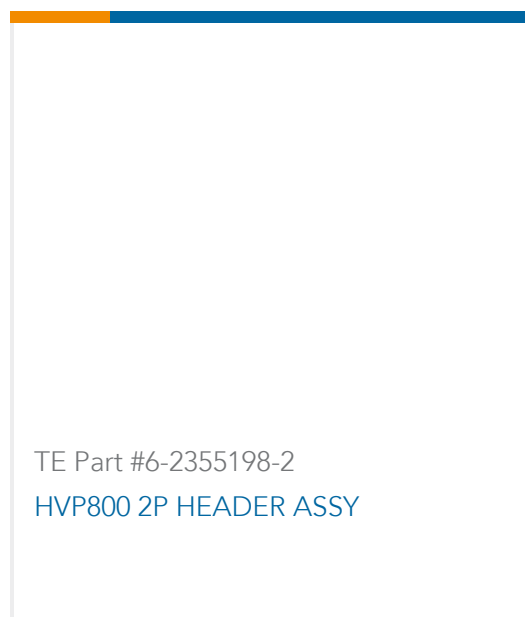
TE Part #2310540-2  
HVA280 2P HEADER ASSY, KEY B



TE Part #3-2344512-1  
2POS,21MM,HEADER HSG,ASSY



TE Part #5-2355198-1  
HVP800 2P HEADER ASSY



## Documents

### Product Drawings

[MCON 1.2 LL TAB STC AG](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1418758-3\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1418758-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1418758-3\\_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

[Product Compliance](#)

English

[Product Compliance](#)

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