

1-968851-3 ✓ ACTIVE

AMP | AMP MCP Connector System

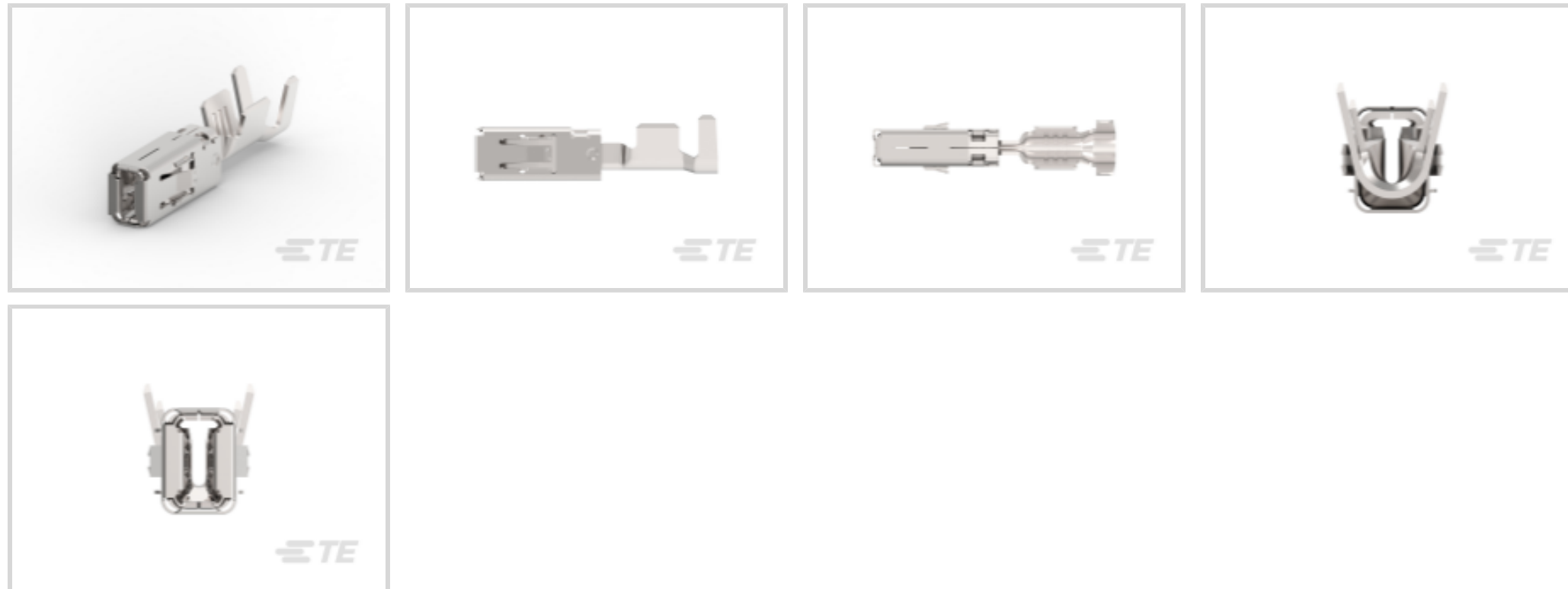
TE Internal #: 1-968851-3

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .8 mm [.031 in], 15 – 13 AWG Wire Size, AMP MCP Connector System

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

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

Wire Size: **15 – 13 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(109\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Silver
Typical Current Rating	22 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Silver (Ag)



### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Compatible Insulation Diameter Range	1.9 – 3 mm [.075 – .118 in]
Wire Size	1.5 – 2.5 mm <sup>2</sup>
Wire Size Search	13 AWG, 14 AWG, 15 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, 140 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]

### Operation/Application

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

### Industry Standards

Compatible With Agency/Standards Products	LV214
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### Packaging Features

Packaging Quantity	3500
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>](#)

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 2024 (240) Candidate List Declared Against: JAN 2024 (240)



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



TE Part # CAT-AM705-CH8173  
AMP MCP Unsealed Connector Housings



TE Part # 1579007-1  
AUSDRUECKWERKZEUG



TE Part # CAT-L489-CH8172  
LEAVYSEAL Housings



TE Part # 1718149-1  
AMP MCP 2.8 SOCKET HSG 16 POS. ASSY



TE Part # 2236402-1  
SINGLE WIRE SEAL,AMP MCP2.8



TE Part # 2151166-1  
OCEAN\_2.0\_APPLICATOR-S-100F140OV-RSM



TE Part # 1801567-1  
MINIFUSE HOLDER, 8 POS, MCP CONTACT



TE Part # 2-1670442-9  
38POS,MIXED,REC. HSG



TE Part # 2103534-1  
PLUG SUBASSY, A, HVA280



TE Part # 2103534-2  
PLUG SUBASSY, B, HVA280



TE Part # 2103534-4  
PLUG SUBASSY, D, HVA280



TE Part # 2103534-5  
PLUG SUBASSY, E, HVA280




TE Part # 2103534-6  
PLUG SUBASSY, F, HVA280



TE Part # 2112856-1  
SPOS MIXED MQS REC COD A



TE Part # 2151166-2  
OCEAN\_2.0\_APPLICATOR-S-100F140OV-RSA



TE Part # 2209893-1  
BCM 14P MCP2.8 SOCKET



TE Part # 2209895-1  
BCM 14P MCP2.8 COVER ASSY



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




TE Part # 5-2151166-1  
OCEAN\_2.0\_APPLICATOR-S-100F140OV-RSM



TE Part # 5-2151166-2  
OCEAN\_2.0\_APPLICATOR-S-100F140OV-RSA


Also in the Series | AMP MCP Connector System



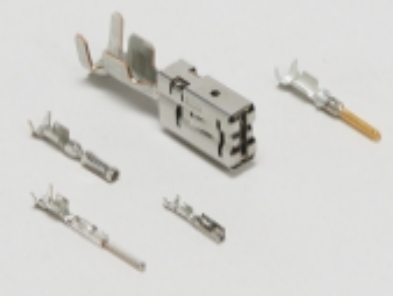
Automotive Connector Caps & Covers (24)




Automotive Connector Locks & Position Assurance(4)




Automotive Housings(291)




Automotive Terminals(107)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #1587724-2  
OUTER FERRULE, SIZE B, HVA280



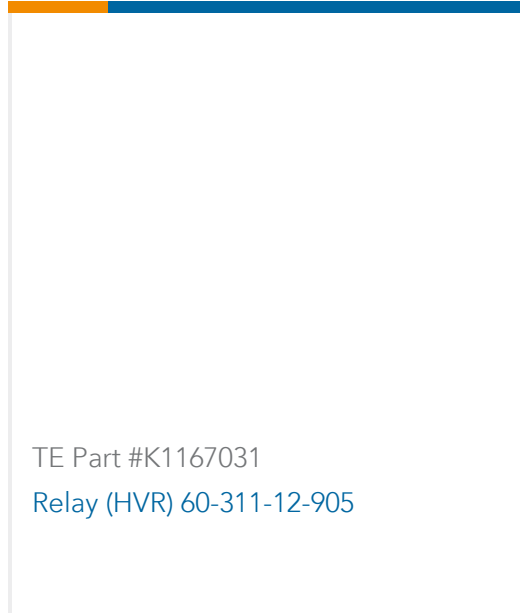
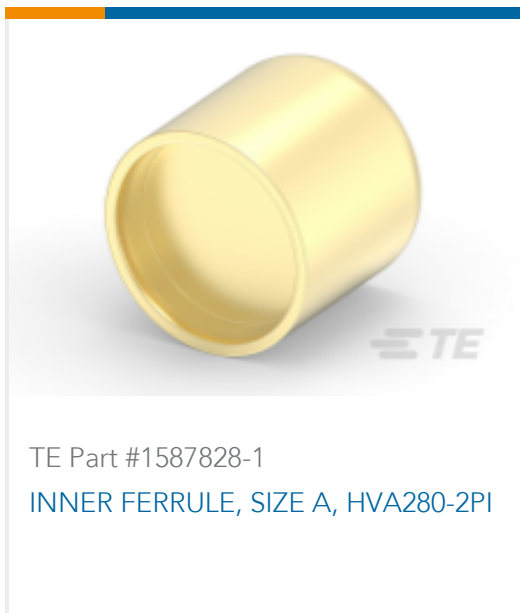
TE Part #1-2103177-4  
PLUG ASSY, KEY D, TA, HVA280-2PHI XE



TE Part #1-2103177-1  
PLUG ASSY, KEY A, TA, HVA280-2PHI XE



TE Part #2103181-1  
CABLE SEAL RTNR, SIZE A, HVA280-2PI XE



## Documents

### Product Drawings

[AMP MCP 2.8, CONTACT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-968851-3\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-968851-3\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-968851-3\\_E.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[Application Specification](#)

English

[Application Specification](#)

German

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