

1-968853-3 ✓ ACTIVE

[AMP MCP](#) | [AMP MCP 2.8](#)

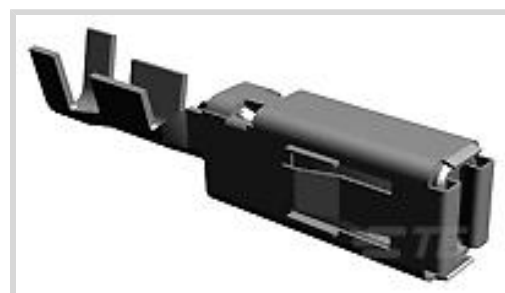
TE Internal #: 1-968853-3

Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .8 mm [.031 in], 11 AWG Wire Size, 4 mm<sup>2</sup> Wire Size, AMP MCP 2.8, Automotive Terminals

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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: **25 – 40 A (Power)**

Wire Size: **11 AWG**

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

## 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	2700

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 125 °C, 80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 140 °C, 110 °C, 120 °C[248 °F][221 °F][230 °F][176 °F][194 °F][284 °F][185 °F][266 °F][212 °F][257 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Dimensions

Compatible Insulation Diameter Range	2.7 – 3.7 mm [.106 – .146 in]
Wire Size	4 mm <sup>2</sup>
Wire Size Search	4 mm <sup>2</sup>

### Contact Features

Typical Current Rating	27 A
Crimp Type	F-Crimp
Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Silver
Terminal Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Silver (Ag)

### Other

Terminal Transmits	25 – 40 A (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



TE Part # CAT-AM705-CH8173  
AMP Unsealed Connector Housing



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



TE Part # 1897543-2  
22POS MIXED MQS REC



TE Part # 1-2208103-3  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



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



TE Part # 2-2208103-3  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-1587902-0  
Plug Pig Tail Assy, HV, HVA280 2P



TE Part # 1-2208103-1  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-4  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-5  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2208103-6  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 1-2379991-3  
HVA280, 2POS, MCP, 4SQMM, CABLE ASSEMBLY



TE Part # 2-2208103-1  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 2-2208103-2  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 2-2208103-6  
2POS,HVA,2 PHM,SHUNTED,HYB ASSY



TE Part # 2103387-2  
INNER HSG, PLUG, HVA280-2PHM, PASS T



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



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



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

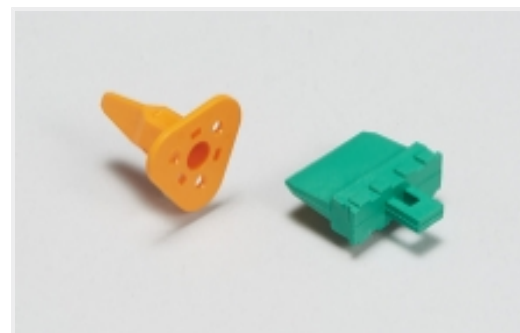


TE Part # 2103534-6  
PLUG SUBASSY, F, HVA280

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance (5)



Automotive Housings (162)



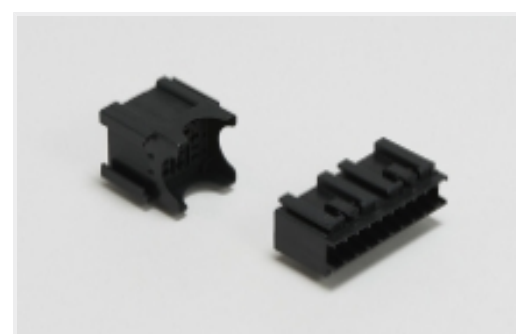
Automotive Terminals (53)



Connector Seals & Cavity Plugs (3)



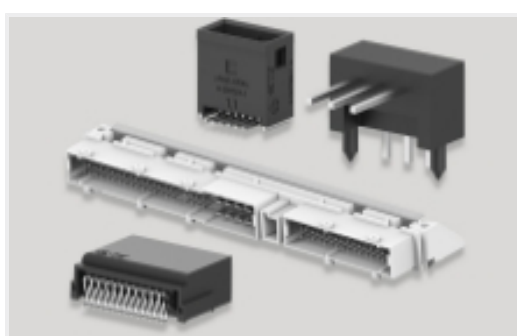
Insertion & Extraction Tools (6)



Module Components (1)



Other Automotive Connector Accessories (1)



PCB Headers & Receptacles (1)

Customers Also Bought



## Documents

### Product Drawings

[AMP MCP 2.8, CONTACT](#)

English

[AMP MCP 2.8, CONTACT](#)

English

[AMP MCP 2.8, CONTACT](#)

English

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[AMP MCP 2.8, CONTACT](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_1-968853-3\\_E.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-968853-3\\_E.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-968853-3\\_E.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[Application Specification](#)

English

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English