



AMP MCP | AMP MCP 2.8

TE Internal #: 1-968855-3

Receptacle Terminal, 20 – 17 AWG, .5 – 1 mm<sup>2</sup> Wire, 2.8 mm [.11 in]

Tab Width, Silver (Ag), Sealable, .8 mm [.031 in] Tab Thickness,

AMP MCP 2.8

[View on TE.com >](#)

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



Terminal Type: **Receptacle**

Wire Size: **20 – 17 AWG**

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

Interface Plating: **Silver (Ag)**

[All AMP MCP, RECEPTACLE AND TAB \(105\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

### Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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### Contact Features

Typical Current Rating	15 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]
Interface Plating	Silver (Ag)
Mating Tab Thickness	.8 mm [.031 in]

### Termination Features

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

Compatible Insulation Diameter Range	1.3 – 2.1 mm [.051 – .083 in]
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Wire Size	20 – 17 AWG
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Wire Size Search	.5 mm <sup>2</sup> , .6 mm <sup>2</sup> , .75 mm <sup>2</sup> , 1 mm <sup>2</sup>
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature (Max)	125 °C [212 °F]
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Operating Temperature Range	-40 – 140 °C [-40 – 284 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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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)
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### Industry Standards

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

Packaging Method	Reel
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Packaging Quantity	4000
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### 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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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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 # 9-1452415-5  
58 POS MIXED, MCON CONNECTOR



TE Part # 9-1452415-7  
58 POS MIXED, MCON CONNECTOR



TE Part # 3-1355221-9  
MCP2.8BU-GH,ASSY15P



TE Part # 1-1452415-5  
58 POS FEMALE ASSY CONNECTOR




TE Part # 1-1563172-4  
58POS, MIXED,REC HSG,ASSY



TE Part # CAT-NB3-MRC48  
Mixed 48V Connectors



TE Part # 1-1418994-1  
AMP MCP 2.8 HSG.WITH SEC.10POS.



TE Part # 5-2151227-1  
OCEAN\_2.0\_APPLICATION-S-080F160O-RSM



TE Part # CAT-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings



TE Part # 4-1579018-3  
EXTRACTION TOOL



TE Part # 1376235-2  
3POS MQS REC SEALED COD B



TE Part # 1718149-2  
AMP MCP 2.8 SOCKET HSG 16 POS. ASSY





TE Part # 1-1579007-2  
EXTRACTION TOOL



TE Part # 5-1579008-7  
EXTRACTION TOOL



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



TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI Crimp



TE Part # 4-1563172-6  
58POS, MIXED,REC HSG,ASSY



TE Part # 8-1452415-9  
58 POS MIXED, MCON CONNECTOR



TE Part # CAT-AM705-CH8172  
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # 3-1418994-1  
AMP MCP 2.8 HSG.WITH SEC.10POS. HOUSING

## Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(5)



Automotive Housings(159)



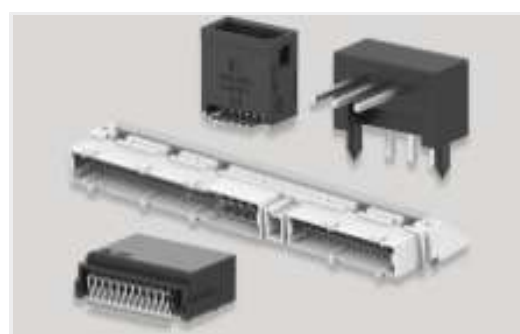
Automotive Terminals(51)



Module Components(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)



Rectangular Power Connectors(1)

## Customers Also Bought



TE Part #2314660-3  
12X0.8,TERMINAL,CB,USW VERSION



TE Part #963531-1  
BLINDSTOPFEN



TE Part #TAD14741111-005  
M12D4-MS-MS-PVC TYPE B-5.0M



TE Part #1-962915-2  
TAB 2.8x0.8 CONTACT CS SWS Ag



## Documents

### Product Drawings

[AMP MCP 2.8, CONTACT SWS](#)

English

[AMP MCP 2.8, CONTACT SWS](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-968855-3\\_J3.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-968855-3\\_J3.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-968855-3\\_J3.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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

### Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

### Product Specifications



[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English