



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: **Tin (Sn)**

[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	Tin
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.8 mm[.031 in]

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 2.1 mm[.051 – .083 in]
Wire Size	20 – 17 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production per Version June 2024

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

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: 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



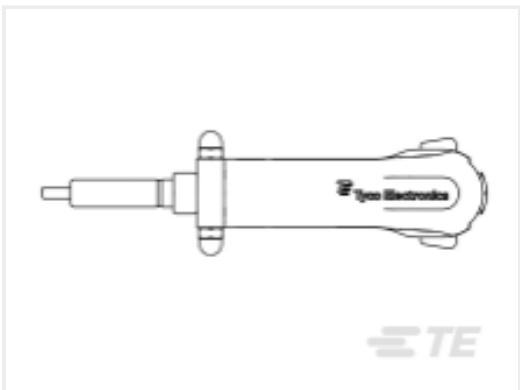
Solder Process Capability

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 # 4-1452415-6 58 POS MIXED CONN AMP MCP	 TE Part # 1-1418994-1 AMP MCP 2.8 HSG.WITH SEC.10POS.	 TE Part # 7-1564285-4 58POS, MIXED,REC HSG,ASSY	 TE Part # 6-1564285-8 58POS, MIXED,REC HSG,ASSY
 TE Part # 1-1563172-4 58POS, MIXED,REC HSG,ASSY	 TE Part # 1-1452415-5 58 POS FEMALE ASSY CONNECTOR	 TE Part # 9-1452415-5 58 POS MIXED, MCON CONNECTOR	 TE Part # 4-1564285-2 58POS, MIXED,REC HSG,ASSY
 TE Part # 4-1579018-3 EXTRACTION TOOL	 TE Part # 9-1452415-7 58 POS MIXED, MCON CONNECTOR	 TE Part # 3-1564285-6 58POS, MIXED,REC HSG,ASSY	 TE Part # 1718149-2 AMP MCP 2.8 SOCKET HSG 16 POS. ASSY



TE Part # 5-2151227-1
OCEAN_2.0_APPLICATOR-S-080F160O-RSM



TE Part # 3-1564285-0
58POS, MIXED, REC HSG, ASSY



TE Part # 1-1564285-4
58POS, MIXED, REC HSG, ASSY



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



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



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

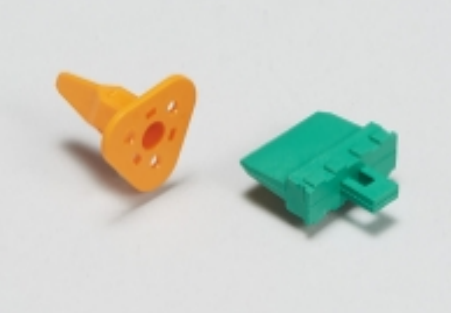


TE Part # 1-1579007-2
EXTRACTION TOOL



TE Part # 5-1579008-7
EXTRACTION TOOL

Also in the Series | AMP MCP 2.8



Automotive Connector Locks & Position Assurance(5)



Automotive Headers(1)



Automotive Housings(162)



Connector Seals & Cavity Plugs(3)



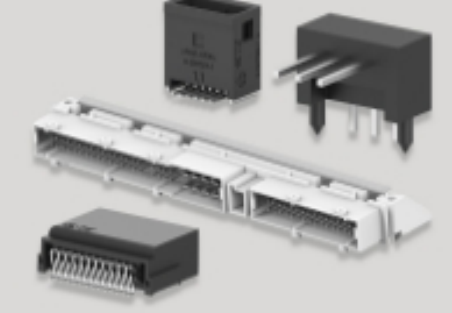
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)



Rectangular Power Connectors(1)

Customers Also Bought





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



TE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part #1418882-1
COVER FOR 62POS.REC.HSG



TE Part #828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part #964972-1
EINZELLEITERDICTNG



TE Part #963531-1
BLINDSTOPFEN



TE Part #1-1355200-1
MCP2,8BU-GEH ASSY2P

Documents

Product Drawings

AMP MCP 2.8, CONTACT SWS

English

AMP MCP 2.8, CONTACT SWS

English

CAD Files

Customer View Model

ENG_CVM_1-968855-1_J3.3d_igs.zip

English

Customer View Model

ENG_CVM_1-968855-1_J3.3d_stp.zip

English

Customer View Model

ENG_CVM_1-968855-1_J3.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications



Application Specification

English

Application Specification

German

Application Specification

English