



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: **20 – 17 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	4500

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 80 °C, 125 °C, 105 °C, 90 °C, 100 °C, 85 °C, 140 °C, 110 °C, 120 °C[248 °F][221 °F][230 °F][176 °F][194 °F][284 °F][185 °F][212 °F][266 °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	1.3 – 2.1 mm[.051 – .083 in]
Wire Size	.5 – 1 mm²
Wire Size Search	1 mm², .5 mm², .75 mm², .6 mm²

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

Other

Terminal Transmits	0 – 24 A (Low 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

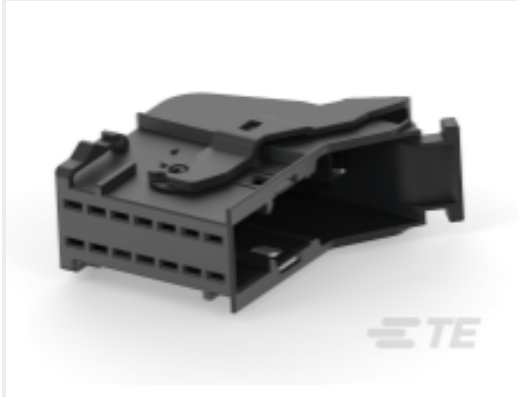
Solder Process Capability

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 # 8-968975-1 MCP2.8 GEH 21P	 TE Part # 1355333-3 48POS MIXED MQS REC	 TE Part # 1718149-1 AMP MCP 2.8 SOCKET HSG 16 POS. ASSY
 TE Part # 1801567-1 MINIFUSE HOLDER, 8 POS, MCP CONTACT	 TE Part # 2-1670442-9 38POS,MIXED,REC. HSG	 TE Part # 2151164-1 OCEAN_2.0_APPLICATOR-S-080F100OV-RSM	 TE Part # 2151164-2 OCEAN_2.0_APPLICATOR-S-080F100OV-RSA
 TE Part # 2209893-1 BCM 14P MCP2.8 SOCKET	 TE Part # 2209895-1 BCM 14P MCP2.8 COVER ASSY	 TE Part # 2278765-1 HM-T&C-14 P MCP PLUG	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 5-2151164-1
[OCEAN_2.0_APPLICATOR-S-080F100OV-RSM](#)

TE Part # 5-2151164-2
[OCEAN_2.0_APPLICATOR-S-080F100OV-RSA](#)

TE Part # 7-2151164-7
[OCEAN_2.0_SPARE_PART_KIT-080F100OV](#)

TE Part # 7-2266183-7
[OC-080F100OV-752-CRIMPTOOLINGKIT](#)

TE Part # 9-1355493-3
[AMP MCP2.8 HSG 4POS WATERBLUE](#)

TE Part # 1634784-1
[2 POSITION MCP RECEPTACLE HOUS](#)

TE Part # 1634784-2
[2 POSITION MCP RECEPTACLE HOUS](#)

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 \(3\)](#)

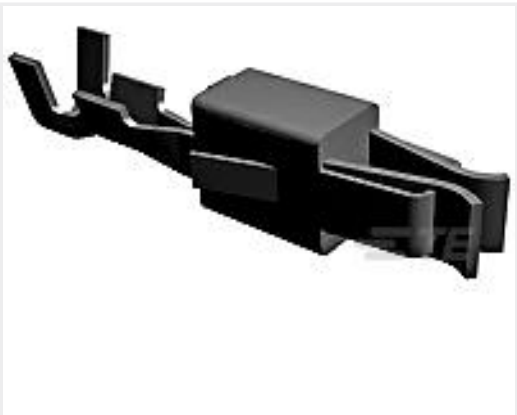
[Insertion & Extraction Tools \(6\)](#)

[Module Components \(1\)](#)

[Other Automotive Connector Accessories \(1\)](#)

[PCB Headers & Receptacles \(1\)](#)

Customers Also Bought



TE Part #1-927771-1
JPT REC 2.8 Contact SRC Au



TE Part #1-968851-1
AMP MCP 2.8, CONTACT



TE Part #2141824-1
MQS0,63 Sn rec LL unseal. 0,13-0,17



TE Part #2141970-1
MCON 1.2 LL REC SWS SN



TE Part #1-2141857-3
AMP MCP 2.8, CONTACT



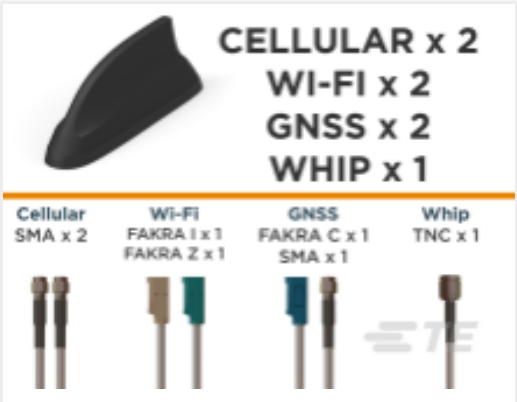
TE Part #1862028-5
SPT REC 6.3 Contact SRC Ag



TE Part #1862029-5
SPT REC 6.3 Contact SRC Ag



TE Part #2208833-1
RETAINER, FOR NANOMQS



CELLULAR x 2
WI-FI x 2
GNSS x 2
WHIP x 1

Cellular SMA x 2
Wi-Fi FAKRA I x 1
FAKRA Z x 1
GNSS FAKRA C x 1
SMA x 1
Whip TNC x 1

TE Part #L000423-02
7-Port,2x 5G/LTE,2x WiFi,2xGNSS,
Whip,BLK



TE Part #3687213001
FLT0111-1.00-0

Documents

Product Drawings
AMP MCP 2.8, CONTACT

English

CAD Files
Customer View Model
ENG_CVM_1-968849-3_J3.3d_igs.zip
English
Customer View Model
ENG_CVM_1-968849-3_J3.3d_stp.zip
English
Customer View Model
ENG_CVM_1-968849-3_J3.2d_dxf.zip

English

3D PDF

English

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

Product Specifications



Application Specification

English

Application Specification

German

Application Specification

English