



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, 125 °C, 80 °C, 105 °C, 90 °C, 100 °C, 85 °C, 110 °C, 120 °C[248 °F][221 °F][230 °F][176 °F][194 °F][185 °F][212 °F][266 °F][257 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °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	Tin
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)

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

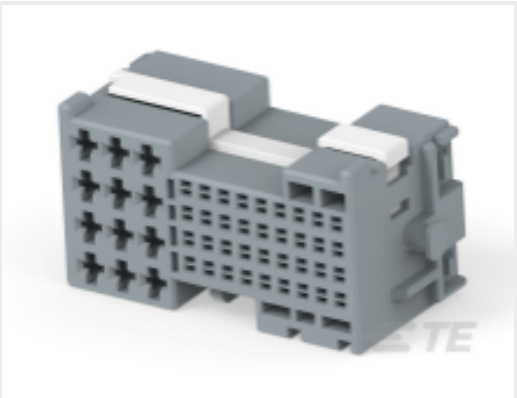
Solder Process Capability

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 # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING	 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING
 TE Part # 1718149-1 AMP MCP 2.8 SOCKET HSG 16 POS. ASSY	 TE Part # CAT-T319-CH8172 TH/.025 CONNECTOR SYSTEM, HOUSING	 TE Part # 1801567-1 MINIFUSE HOLDER, 8 POS, MCP CONTACT	 TE Part # 1-2109452-3 050/110 48P PLUG ASSY CODE B
 TE Part # 1-2315977-3 HYB 69P PLUG ASSY CODE2	 TE Part # 2-1670442-9 38POS,MIXED,REC. HSG	 TE Part # 2-2315977-8 HYB 69P PLUG ASSY CODE3	 TE Part # 2109452-2 050/110 48P PLUG ASSY CODE A



TE Part # 2112856-1
5POS MIXED MQS REC COD A



TE Part # 2137183-1
10Pos MCP2.8 Plug 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

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)



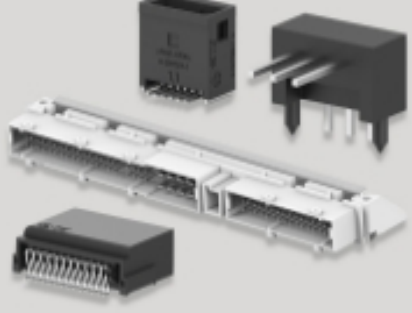
Insertion & Extraction Tools
(6)



Module Components
(1)



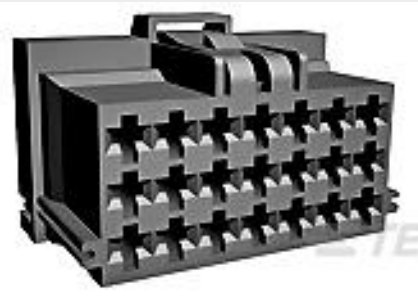
Other Automotive Connector Accessories
(1)



PCB Headers & Receptacles
(1)

Customers Also Bought





TE Part #8-968975-1
[MCP2.8 GEH 21P](#)



TE Part #1-968976-9
[MCP2.8 BU-GEH 3P](#)



TE Part #1-967630-1
[AMP Unsealed Connector Housing](#)



TE Part #1-968853-1
[AMP MCP 2.8, CONTACT](#)



TE Part #1-962842-1
[TIMER, RECEPTACLE AND TAB](#)



TE Part #5670416017
[TSAS-NR501-X-12MM](#)



TE Part #1452128-3
[MQS ST-KONT M.FFC](#)

Documents

Product Drawings
[AMP MCP 2.8, CONTACT](#)

English

CAD Files
Customer View Model
[ENG_CVM_1-968849-1_J3.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_1-968849-1_J3.3d_stp.zip](#)

English

Customer View Model
[ENG_CVM_1-968849-1_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

Instruction Sheets



UNSEALED GET/MCP 81/40 SLIDER LEVER TYPE CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese