

1-968857-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1-968857-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .8 mm [.031 in], 15 – 13 AWG Wire Size, AMP MCP Connector System

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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: **0 – 24 A (Low Power)**

Wire Size: **15 – 13 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(129\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	22 A
Crimp Type	F-Crimp
Terminal Type	Receptacle



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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 – 3 mm[.075 – .118 in]
Wire Size	1.5 – 2.5 mm ²
Wire Size Search	13 AWG, 14 AWG, 15 AWG

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

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 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 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-AM7-FRB69
 Sealed Fuse and Relay Boxes



TE Part # CAT-L489-CH8172
 LEAVYSEAL Housings



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



TE Part # CAT-M9194-CH8172
 MULTILOCK, CONNECTOR HOUSING



TE Part # CAT-AM705-CH8173
 AMP MCP Unsealed Connector Housings



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



TE Part # 1-1579007-2
 EXTRACTION TOOL



TE Part # 1579007-1
 AUSDRUECKWERKZEUG




TE Part # 109854-1
COVER WITH SEAL



TE Part # 9-1452380-9
96 POS. CONNECTOR ASSY



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



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



TE Part # 1976143-1
SDE COMMERCIAL TOOL OR DIE



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



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



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 2151346-1
OCEAN_2.0_APPLICATOR-S-100F165O



TE Part # 2278584-1
67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180




TE Part # 1443996-4
COVER, 60 POS, W/O FUSE HLDR/NO EXT TEXT




TE Part # 2098164-4
Cover, 60 Pos, No Fuse Graphic or Holder


Also in the Series | AMP MCP Connector System



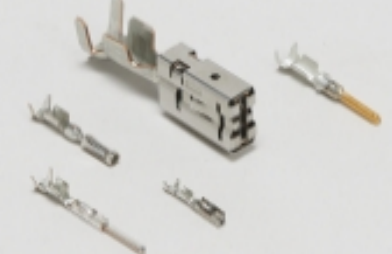
Automotive Connector Caps & Covers (25)




Automotive Connector Locks & Position Assurance(7)




Automotive Housings(360)



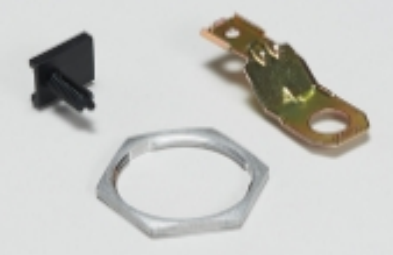
Automotive Terminals(135)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(30)

Customers Also Bought



Documents

Product Drawings

AMP MCP 2.8, CONTACT SWS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-968857-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968857-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968857-1_E.3d_stp.zip](#)

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