1-968855-1 ✔ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1-968855-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .031 in [.8 mm], 20 – 17 AWG Wire Size, AMP MCP Connector System

View on TE.com >

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 (125)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Contact Size	AMP MCP 2.8mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	15 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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.5 – 1 mm^2
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.3 – 2.1 mm[.051 – .083 in]

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

Industry Standards

Agency/Standard	LV214

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

Terminal Transmits	0 – 24 A (Low Power)

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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-L489-CH8172
LEAVYSEAL HOUSINGS

TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series 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 # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI

TE Part # 1976143-1
SDE COMMERCIAL TOOL OR DIE

TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED

TE Part # CAT-M4595-CH8172
MCON, CONNECTOR HOUSING

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

TE Part # CAT-AM705-CH8173
AMP MCP, UNSEALED CONNECTOR HOUSING

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

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

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

TE Part # 1-2293551-1
62POS,MIXED,REC HSG,ASSY,SLD

TE Part # 1976143-2
PRO-CRIMPER DIE

TE Part # 2-2151227-1
OCEAN_2.0_APPLICATOR-S-080F160O

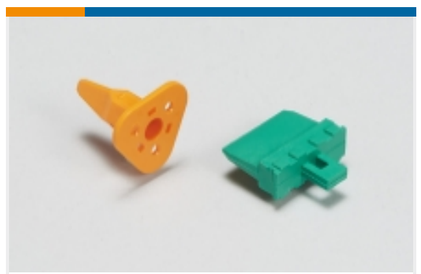
TE Part # 2-2151227-2
OCEAN_2.0_APPLICATOR-S-080F160O

TE Part # 2-2293551-1
62POS,MIXED,REC HSG,ASSY,SLD

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

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(7)

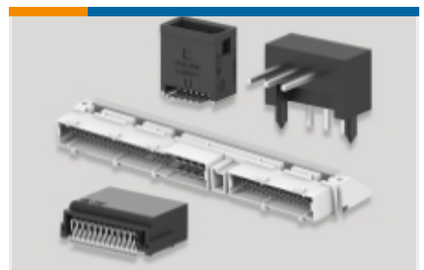
Automotive Housings(352)

Automotive Seals & Cavity Plugs(6)

Automotive Terminals(125)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(29)

Customers Also Bought

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

TE Part #1534162-1
AMP MCP, RECEPTACLE AND TAB

TE Part #2109441-4
AMP MCP, SEALED CONNECTOR HOUSING

TE Part #927840-5
SPT REC 6.3 Contact SRC Ag

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

TE Part #CH03286001
RBK-ILS-125-NR1-0-40MM

TE Part #7-2109446-2
MCP 1.5/2.8 SLD 30P PLUG ASSY

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

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

German

Application Specification

English

Product Environmental Compliance

MD_1-968855-1_05032018314_dmtec

English

MD_1-968855-1_05032018314_dmtec

English