

1-968857-1 ✓ ACTIVE

[AMP MCP](#) | [AMP MCP 2.8](#)

TE Internal #: 1-968857-1

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

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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 \(109\)](#)

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), Yes, DIN 72036 Automation of Wiring Harness Production per Version June 2024

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 125 °C, 80 °C, 105 °C, 100 °C, 90 °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]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Dimensions

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

Contact Features

Typical Current Rating	22 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)

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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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](https://www.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

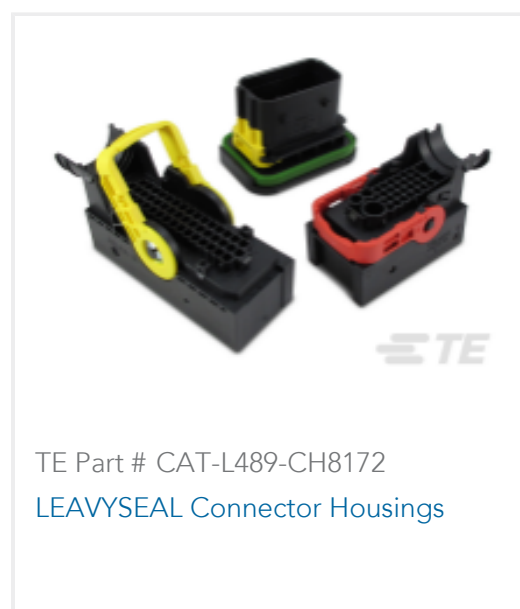
Product Compliance Disclaimer

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-AM7-FRB69
Sealed Fuse and Relay Boxes



TE Part # CAT-L489-CH8172
LEAVYSEAL Connector 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 Unsealed Connector Housing



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



TE Part # 1579007-1
AUSDRUECKWERKZEUG



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



TE Part # 1-968976-9
MCP2.8 BU-GEH 3P



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



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



TE Part # 1-1418507-2
SOCKET HSG 4POS.,AMP MCP2.8 /MCP6.3K



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



TE Part # 1976143-1
SDE COMMERCIAL TOOL OR DIE



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



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



TE Part # 1-1579007-2
EXTRACTION TOOL



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

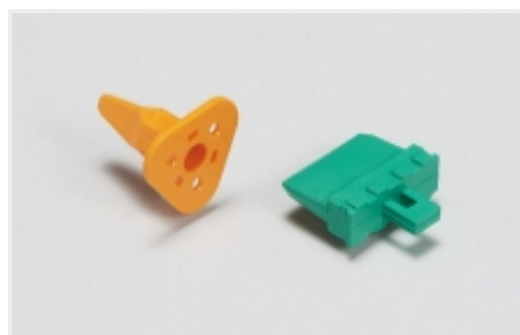


TE Part # 2098164-4
Cover, 60 Pos, No Fuse Graphic or Holder

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(5)



Automotive Housings(162)



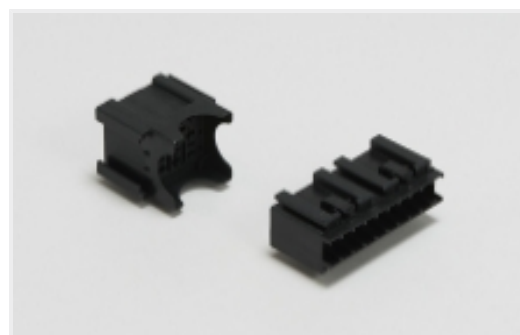
Automotive Terminals(53)



Connector Seals & Cavity Plugs(3)



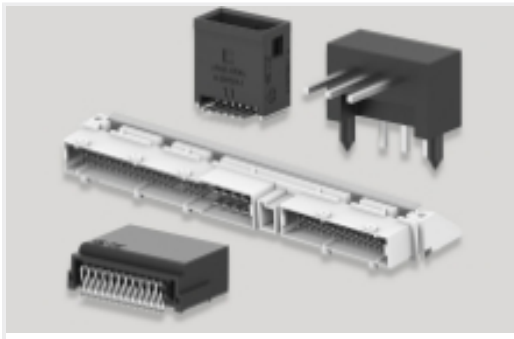
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

Customers Also Bought

TE Part #828922-1
2,5MM CAVITY PLUG FOR 5,4MM DITE Part #828905-1
SINGLE-WIRE-SEAL(5MM HOLE)TE Part #1-1418390-1
4 POS AMP MCP 2.8 REC HSGTE Part #1418884-1
AMP MCP, RECEPTACLE AND TABTE Part #1-962916-1
TAB 2.8x0.8 CONTACT CS SWS SnTE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CONTE Part #690495-5
FRONT SHEAR PLATE

Documents

Product Drawings

[AMP MCP 2.8, CONTACT SWS](#)

English

[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

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Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English