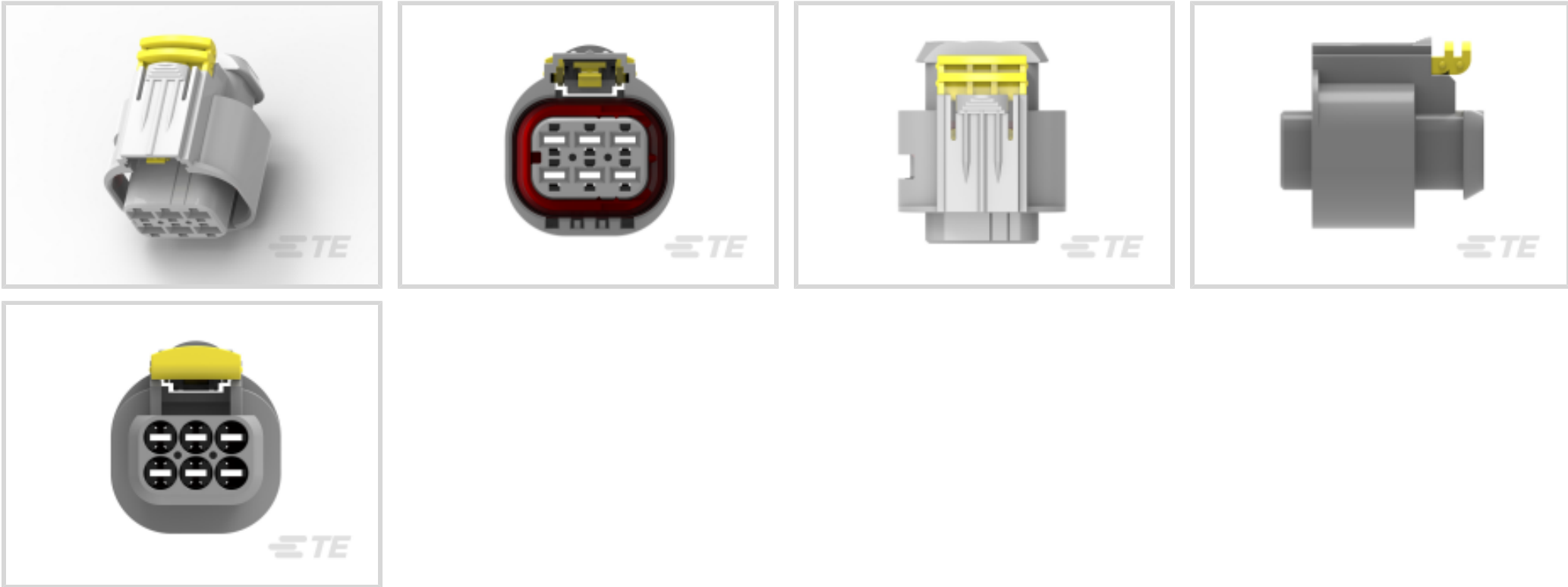




Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



Connector System: **Wire-to-Wire**  
Number of Positions: **6**  
Connector & Housing Type: **Housing for Female Terminals**  
Centerline (Pitch): **5.5 mm [ .217 in ]**  
Sealable: **Yes**

[All AMP MCP, SEALED CONNECTOR HOUSING \(161\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Blank Cavity Position	0
Number of Positions	6
Number of Rows	2

Electrical Characteristics

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Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	Neutral

Contact Features

Contact Size	2.8K
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	30 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5.5 mm[.217 in]

Dimensions

Connector Height	29.8 mm[1.173 in]
Product Width	31.5 mm[1.24 in]
Product Length	26.4 mm[1.039 in]
Row-to-Row Spacing	3.2 mm, 5.5 mm[.126 in][.217 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IPX7
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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-T4827-CH8172  
Timer Connector Housing

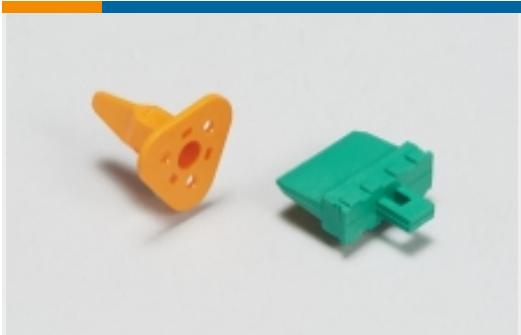


TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB


Also in the Series | AMP MCP 2.8




Automotive Connector Caps & Covers  
(1)



Automotive Connector Locks & Position Assurance(5)




Automotive Housings(167)



Automotive Terminals(9)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(6)




Module Components(1)



PCB Headers & Receptacles(1)


Also in the Series | AMP MCP Connector System




Automotive Connector Caps & Covers  
(22)



Automotive Connector Locks & Position Assurance(6)




Automotive Housings(332)




Automotive Terminals(130)

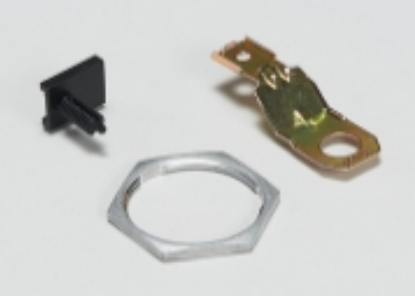




Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

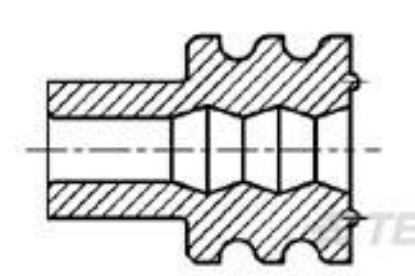
Customers Also Bought



TE Part #HDP26-24-21PE-L015  
PLG, 21P, BLK, E, THD, 12/16, P



TE Part #963293-1  
SEALING F JPT+2,8



TE Part #963292-1  
WIRE SEALING 2,2




TE Part #1241396-1  
AMP MCP 2.8K, CONTACT, SWS



TE Part #YHD34-24-91PE-0720  
REC, 9P, AL, E, THD ADPT DRAIN,8/12 /16,P



TE Part #2391790-1  
SDE F AMP MCP 2.8 1.50-2.50 ASSY



TE Part #1-511680-5  
CIRCUIT BRAKER 100-C16KD10 110V 50/60HZ



TE Part #509541-2  
ROLLER RETAINER AL 6x12 ROLLER



TE Part #509193-9  
GROOVED BALL BEARING 608-2Z



TE Part #509834-9  
GUIDE CAGE GA 15SX130, 15X15, L 130MM

Documents

Product Drawings

AMP MCP 2.8K - REC. HOUSING

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1745078-1\_A.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1745078-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1745078-1\\_A.3d\\_stp.zip](#)

English

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

Product Specifications

[Interface for Rec. Hsg. 6pos.,JPT](#)

German

[Application Specification](#)

German