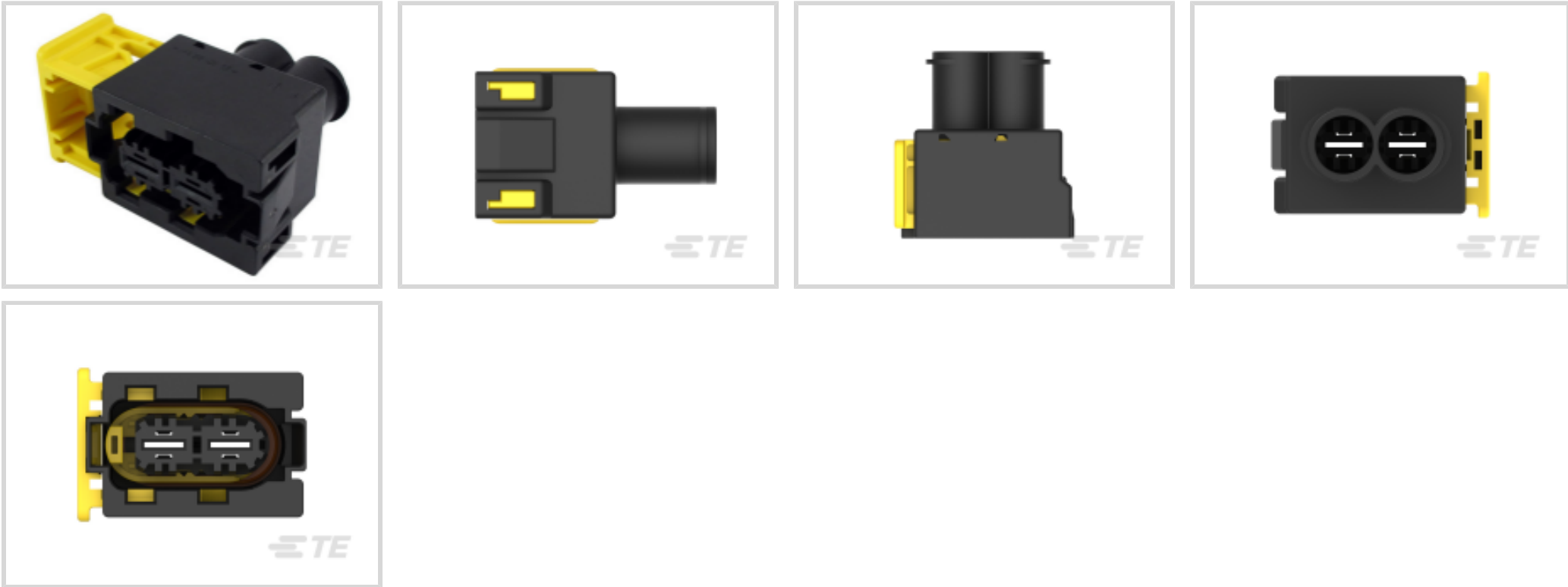




Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



Connector System: **Wire-to-Wire**
Number of Positions: **2**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **16.5 mm [.649 in]**
Sealable: **Yes**

[All AMP MCP, SEALED CONNECTOR HOUSING \(172\)](#)

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
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	28 VDC
Nominal Voltage Architecture	12 V, 24 V



Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Black

Contact Features

Contact Size	9.5mm
Contact Type	Receptacle
Mating Tab Width	9.5 mm[.374 in]
Contact Current Rating (Max)	78 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	16.5 mm[.649 in]

Dimensions

Connector Height	38 mm[1.49 in]
Product Width	59 mm[2.322 in]
Product Length	75 mm[2.952 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][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

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67, IP69K
UL Flammability Rating	UL 94HB

Packaging Features



Packaging Quantity	250
Packaging Method	Container

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: JAN 2023 (233) 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

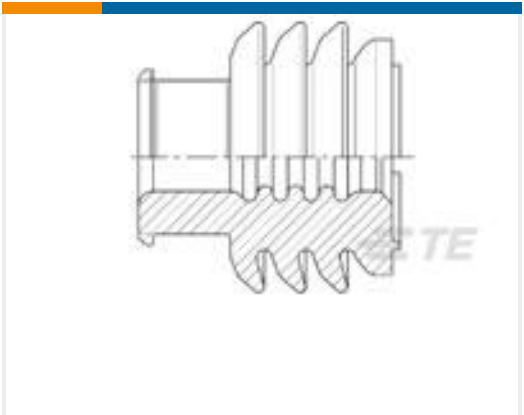
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # 1355437-2
MCP9,5 EINZELDICHTG




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




TE Part # 2282162-1
2POS,TAB 9.5X1.2,HEADER ASSY


Also in the Series | AMP MCP 9.5



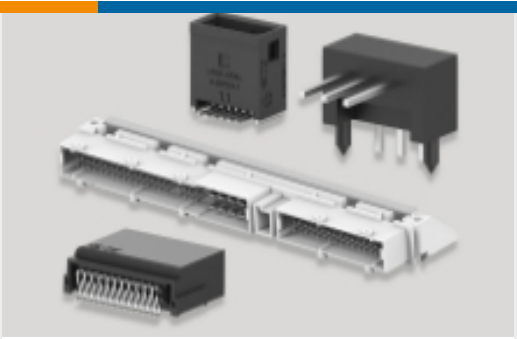
Automotive Housings(21)



Automotive Terminals(3)




Connector Seals & Cavity Plugs(3)

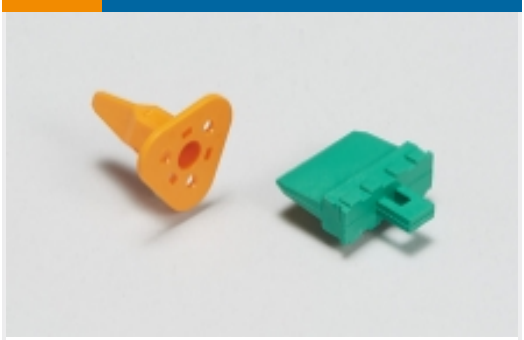


PCB Headers & Receptacles(1)


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(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(30)

Customers Also Bought



TE Part #173850-2
070 MULTILOCK PLUG 8P

TE Part #1355469-1
1,6/2,8/5,8TAB-GH42

TE Part #1-967591-1
AMP MCP 9.5, CONTACT, SWS

TE Part #936289-5
6POS MQS REC COD E

TE Part #K1008698
Relay 26-60-01

TE Part #880684-2
.140 DIA PIN

TE Part #963921-1
STOSSVERBINDER

TE Part #1-968875-2
AMP MCP 2.8, CONTACT SWS (LP)

TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK

TE Part #044391-000
222K163-15/86-0

Documents

Product Drawings

2POS,AMP MCP 9.5,REC HSG ASSY,SLD

English

CAD Files

Customer View Model

ENG_CVM_CVM_1355328-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1355328-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1355328-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages



AMP MCP 9.5 Two Position Connectors Series Brief

English

AMP MCP 9.5 Two Position Connectors Infographic

English

Product Specifications

Application Specification

German