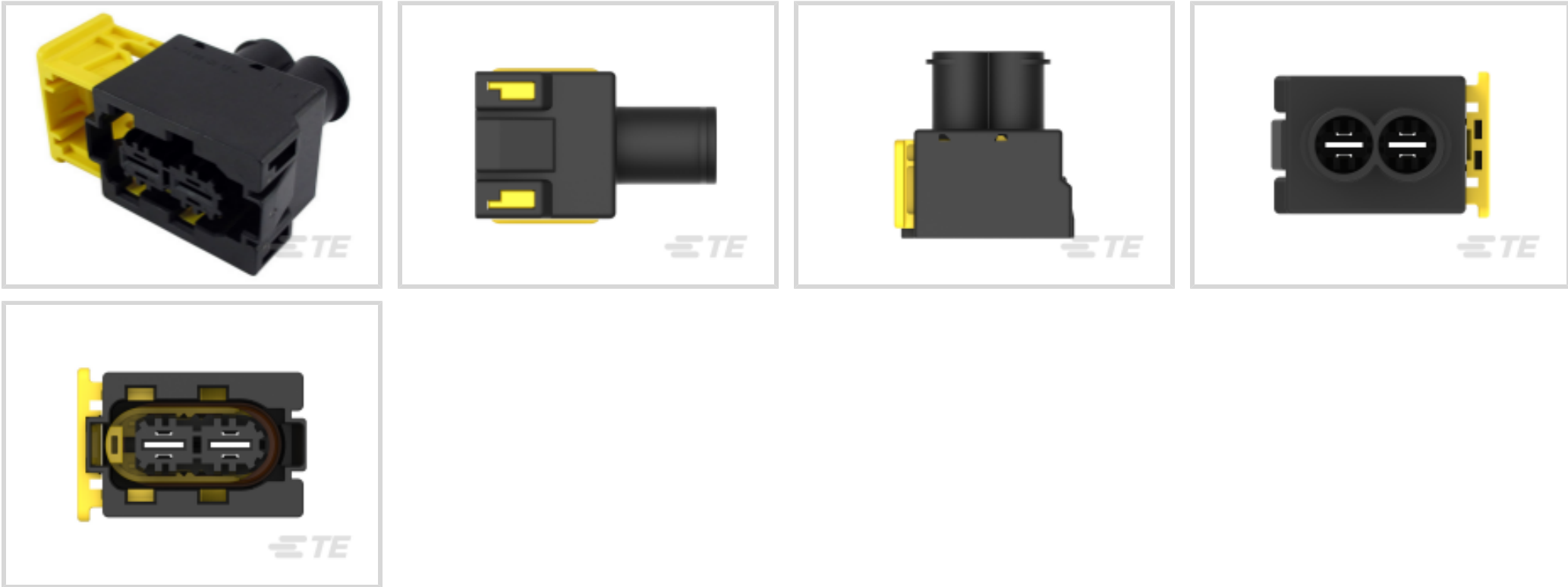




Connectors > Automotive Connectors > Connector Housings > AMP MCP, SEALED CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **9.5 mm [.374 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **2**

Centerline (Pitch): **16.5 mm [.649 in]**

[All AMP MCP, SEALED CONNECTOR HOUSING \(158\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
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°
Body Material	PA GF
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

Mounting Feature	Without
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

Centerline (Pitch)	16.5 mm[.649 in]
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Dimensions

Product Width	59 mm[2.322 in]
Product Length	75 mm[2.952 in]
Product Height	38 mm[1.49 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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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




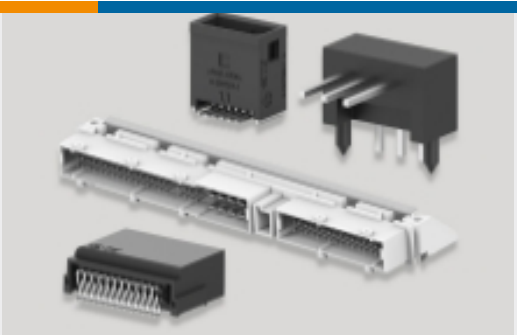
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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


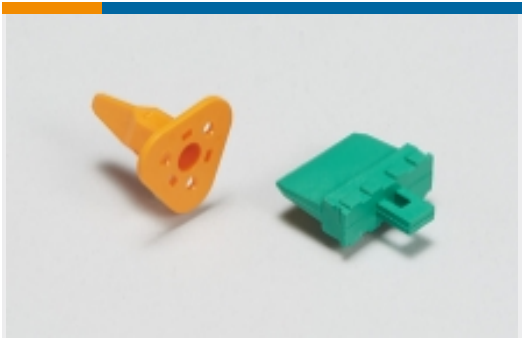





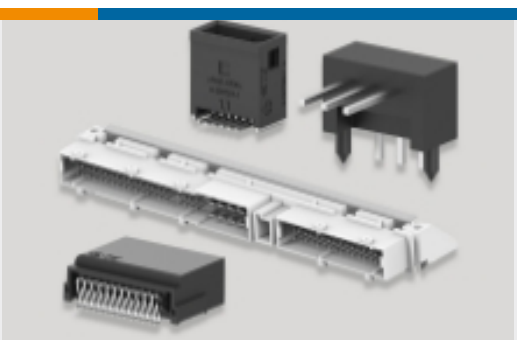


 <p>TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING</p>	 <p>TE Part # CAT-AM705-T273 AMP MCP, RECEPTACLE AND TAB</p>	 <p>TE Part # 2282162-1 2POS,TAB 9.5X1.2,HEADER ASSY</p>	 <p>TE Part # 1355437-2 MCP9,5 EINZELDICHTG</p>
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Also in the Series | AMP MCP 9.5

 <p>Automotive Housings(21)</p>	 <p>Automotive Seals & Cavity Plugs(3)</p>	 <p>Automotive Terminals(4)</p>	 <p>PCB Headers & Receptacles(1)</p>
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Also in the Series | AMP MCP Connector System

 <p>Automotive Connector Caps & Covers (24)</p>	 <p>Automotive Connector Locks & Position Assurance(7)</p>	 <p>Automotive Housings(352)</p>	 <p>Automotive Seals & Cavity Plugs(6)</p>
 <p>Automotive Terminals(125)</p>	 <p>Insertion & Extraction Tools(13)</p>	 <p>Other Automotive Connector Accessories(2)</p>	 <p>PCB Headers & Receptacles(29)</p>

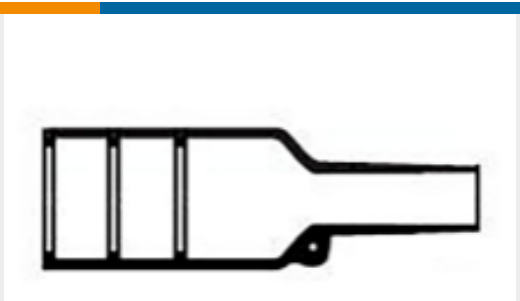
Customers Also Bought



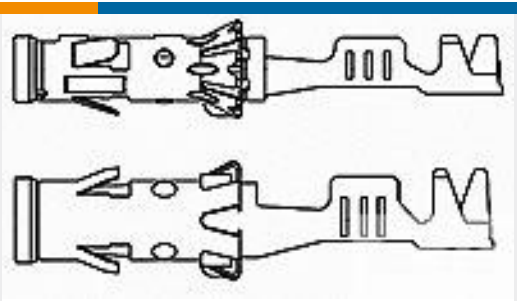
TE Part #2410510001
TMS-SCE-1K-3/8-2.0-4



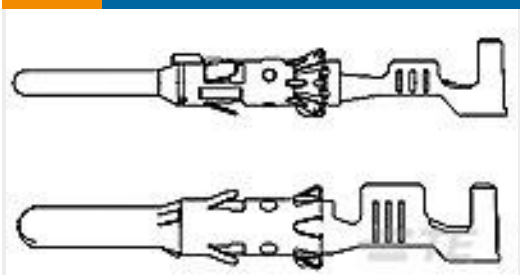
TE Part #2-1563759-1
Heavy Duty Sealed Connector Series Housings



TE Part #879222-000
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #962982-1
2,5 MMD SOCKET CONTACT



TE Part #962971-1
2,5MMD PIN CONTACT



TE Part #5178893001
100G0131-1.00-A471CK0198



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



TE Part #9-1904049-3
V23134A1007X940-EV-850

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

1355328-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .649 in [16.5 mm] Centerline, Sealable, Black, Power, Cable Mount (Free-Hanging), Hybrid

