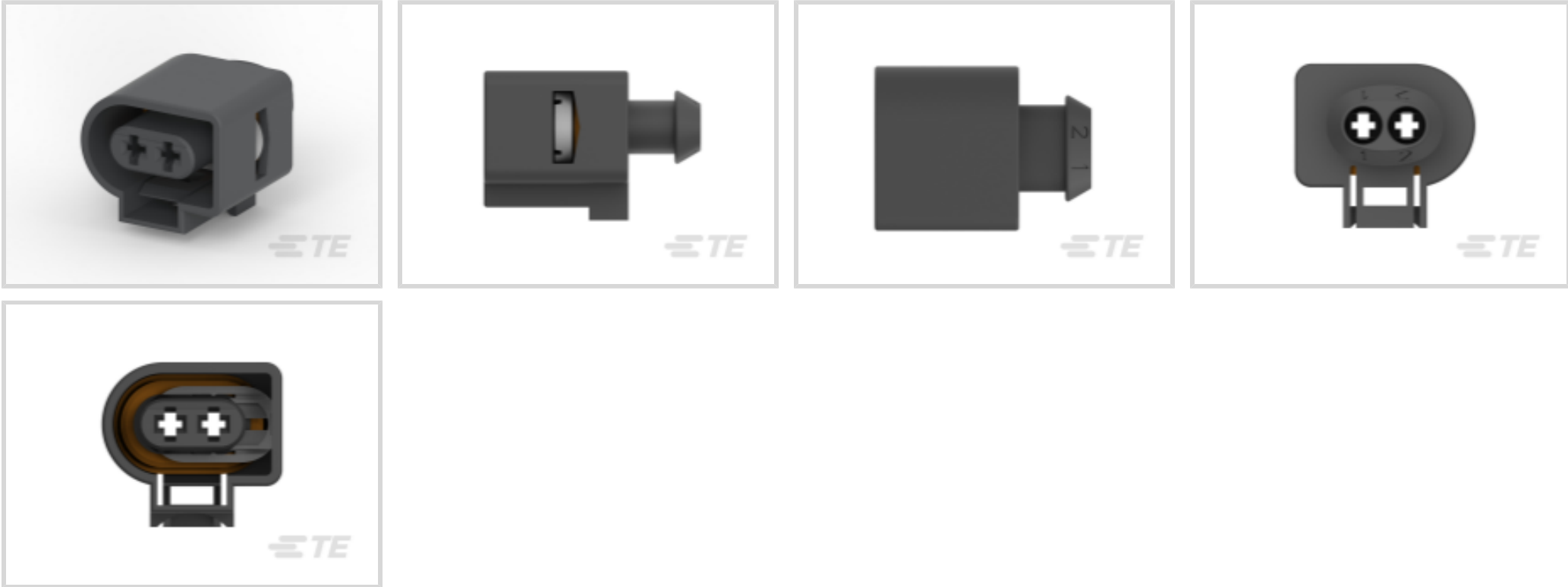




Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



Connector System: **Wire-to-Wire**
Number of Positions: **2**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **6 mm [.236 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
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	25 V
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Body Features



Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	35 A

Mechanical Attachment

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Connector Height	22.7 mm[.894 in]
Product Width	33 mm[1.299 in]
Product Length	25 mm[.984 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-30 – 100 °C[-22 – 212 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

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Packaging Quantity	1000
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: 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 # 1-1703543-0
2POS,TAB 2.8X0.8,TAB HSG,ASSY

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

TE Part # 1452859-1
2 WAY MCP BLANKING COVER

Also in the Series | AMP MCP 2.8

Automotive Connector Caps & Covers
(1)

Automotive Connector Locks & Position Assurance(6)

Automotive Housings(183)

Automotive Terminals(10)

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
(25)

Automotive Connector Locks & Position Assurance(7)

Automotive Housings(360)

Automotive Terminals(135)



Connector Seals & Cavity Plugs(6)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(3)

PCB Headers & Receptacles(30)

Customers Also Bought

TE Part #2-1609113-7
1CUFS1=F8298

TE Part #1-1703543-0
2POS,TAB 2.8X0.8,TAB HSG,ASSY

TE Part #1-968855-1
AMP MCP 2.8, CONTACT SWS

TE Part #5672696010
TSAS-NR502-X-10MM

TE Part #1-2287018-3
TAB 9.5X1.2,6SQMM,AG

TE Part #2294663-1
6P MQS SHEILD ASSY WITH CPA

TE Part #2310000-2
10POS,MQS,REC HSG ASSY,UNSLD, COD B

TE Part #3-2112780-1
18POS, MIXED,REC HSG,ASSY, SEALED

TE Part #1-2287390-4
SINGLE WIRE SEAL,4MM, ASSY

TE Part #1-1394425-1
MCP2,8 BU-GEH 4P,SW

Documents

Product Drawings
MCP2,8BU-GEH ASSY2P
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1355200-1_D.2d_dxf.zip

1-1355200-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .236 in [6 mm] Centerline, Sealable, Black, Wire & Cable, Power, Hybrid



English

Customer View Model

[ENG_CVM_CVM_1-1355200-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1355200-1_D.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English