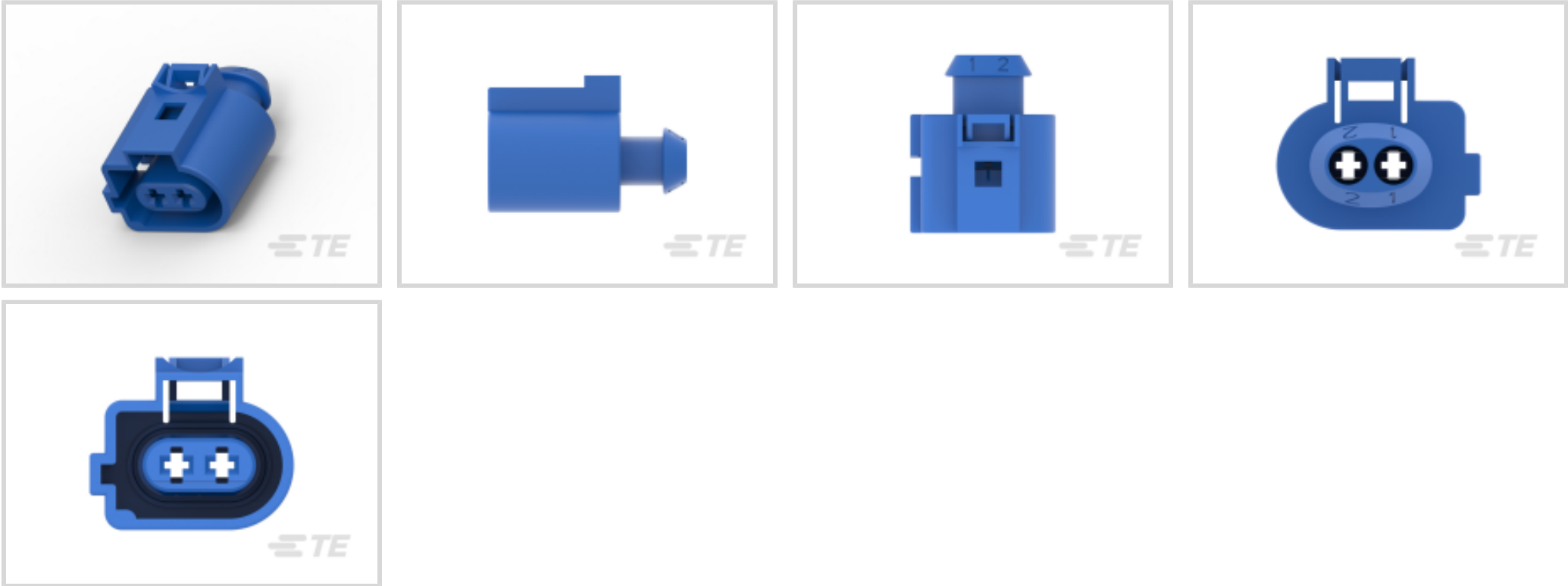




Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



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
------------------------------	------

Body Features



Cable Exit Angle	180°
Primary Product Color	Blue
Connector & Keying Code	C

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	No
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	33 mm[1.299 in]
Product Width	22.7 mm[.893 in]
Product Length	25 mm[.984 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

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

Packaging Features

--	--



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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

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 #1-968291-2
MQS, CONNECTOR HOUSING

TE Part #1355881-1
MQS GRIFFSCHALE 6P

TE Part #1452299-1
FEM HSG INLI.ASY12P

TE Part #968137-2
MPQ2,8 Sn tab LL unseal. >1,0-2,5

TE Part #1420011-1
GET CONNECTOR

TE Part #2098067-5
Plug Assembly, Hybrid, BCM, B1, E Key

TE Part #1-1924067-1
2POS, MCON 1.2 CB REC 2p TL SEALED

TE Part #1456471-5
8p Hybrid 0.64/2.8 Unsealed, CPA

TE Part #2345654-1
HOUSING, INLINE FEMALE, CLIP, FAKRA

Documents

Product Drawings
MCP2,8BU-GEH ASSY2P
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_3-1355200-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_3-1355200-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1355200-1_D.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English