

953600-1 ✓ ACTIVE

AMP | AMP MCP 2.8, AMP MCP Connector System

TE Internal #: 953600-1

Housing for Female Terminals, Wire-to-Wire, 5 Position, .197 in [5 mm] Centerline, Sealable, Black, Wire & Cable, Power, Hybrid

[View on TE.com >](#)



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



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

Number of Positions: **5**

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

Centerline (Pitch): **5 mm [ .197 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	Integrated in Housing

### Configuration Features

Number of Positions	5
Number of Rows	1

### Electrical Characteristics

Operating Voltage	16 VDC
Nominal Voltage Architecture	12 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black

### Contact Features



Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	16 A

#### Mechanical Attachment

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

#### Housing Features

Housing Material	PBT
Centerline (Pitch)	5 mm[.197 in]

#### Dimensions

Connector Height	20.1 mm[.791 in]
Product Width	29.7 mm[1.169 in]
Product Length	36.8 mm[1.449 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	-40 – 100 °C[-40 – 212 °F]

#### Operation/Application

Circuit Application	Power
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#### Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

#### Packaging Features

Packaging Quantity	500
Packaging Method	Box & Carton

#### Other

Serviceable	Yes
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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 2022 (224) 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

 <p>TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI</p>	 <p>TE Part # 953657-4 5W TAB HSG ASSY</p>
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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)



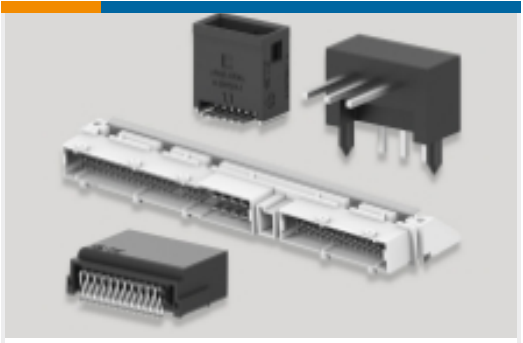
Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(6)



Module Components(1)

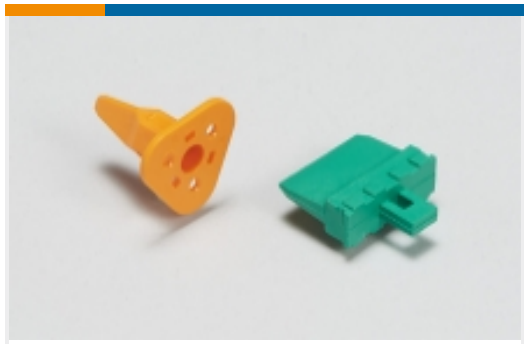


PCB Headers & Receptacles(1)

## 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)



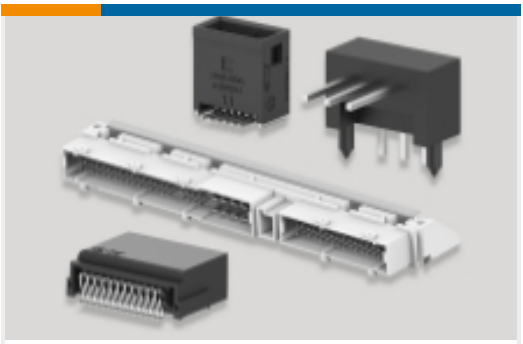
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)

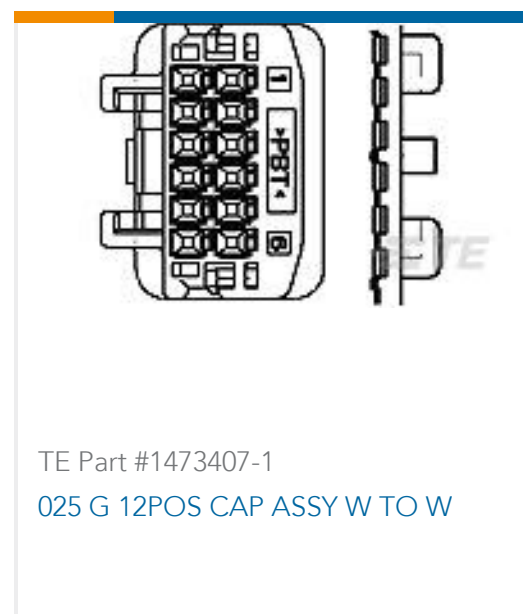


PCB Headers & Receptacles(28)

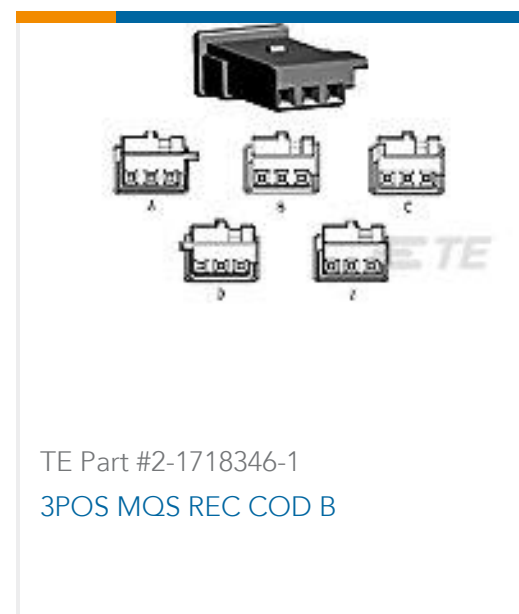
## Customers Also Bought



TE Part #284844-3  
12 POS MCP HYBRID MALE CONN AS



TE Part #1473407-1  
025 G 12POS CAP ASSY W TO W



TE Part #2-1718346-1  
3POS MQS REC COD B



TE Part #964280-2  
JPT A REC 2.8 Contact SRC Sn



TE Part #2288140-1  
MQS, CONTACT, MQS CLEAN BODY  
EDS



TE Part #2-1718643-1  
2POS, MCON 1.2 LL REC SEALED



TE Part #1-2296315-3  
ACU 52P PLUG ASSY(B2B4)



TE Part #2296316-7  
ACU 36P PLUG ASSY(A1A7)



TE Part #2350341-2  
025/060/110/250 HYB 51P PLUG  
LEVER BK



TE Part #9-1897133-7  
GET 39P PLUG ASSY B8B9

## Documents

### Product Drawings

[5/4W MCP RCPT HSG ASSY](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_953600-1\\_H.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_953600-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_953600-1\\_H.3d\\_stp.zip](#)

English

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

## Product Specifications



## PORTE-CLIPS ETANCHE 5 VOIES POUR CONTACTS 2,8 MM A JOINT UNIFILAIRE

English

### Product Specification

English

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### Instruction Sheets

#### Instruction Sheet (non U.S.)

English