



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 (130)

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<br>[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 |
|---------------------|-------|

Industry Standards

|                        |         |
|------------------------|---------|
| Degree of Protection   | IP67    |
| UL Flammability Rating | UL 94HB |

Packaging Features

|                    |              |
|--------------------|--------------|
| Packaging Quantity | 500          |
| Packaging Method   | Box & Carton |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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 # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI

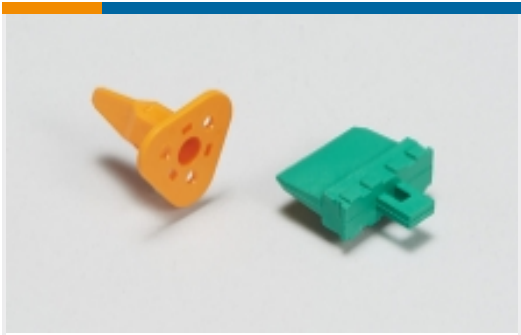


TE Part # 953657-4  
5W TAB HSG ASSY

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers  
(1)



Automotive Connector Locks &  
Position Assurance(5)



Automotive Housings(162)



Automotive Terminals(53)



Connector Seals & Cavity Plugs(4)



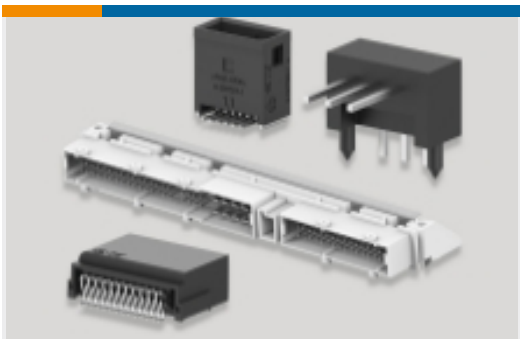
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector  
Accessories(1)



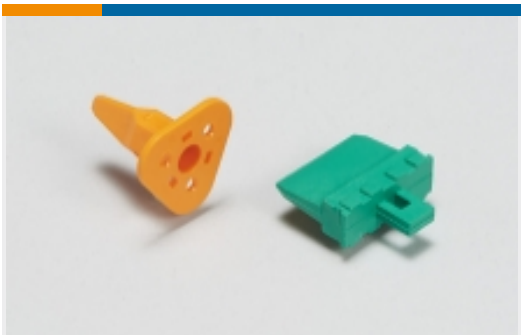
PCB Headers & Receptacles(1)

Also in the Series

AMP MCP Connector System



Automotive Connector Caps & Covers  
(24)



Automotive Connector Locks &  
Position Assurance(4)



Automotive Housings(260)



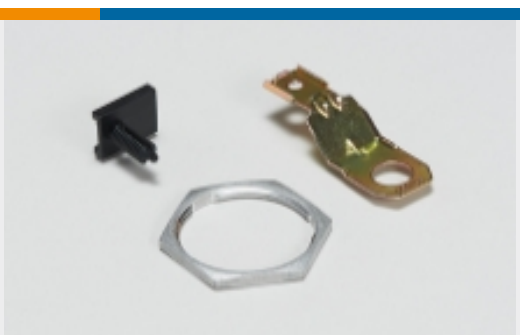
Automotive Terminals(11)



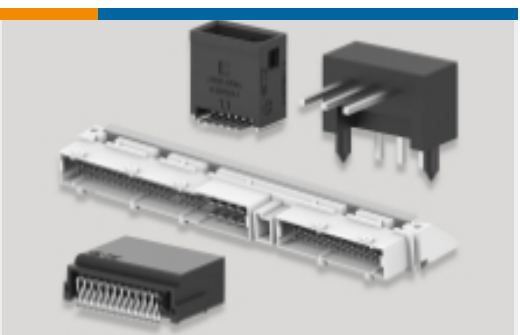
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



Other Automotive Connector  
Accessories(2)



PCB Headers & Receptacles(28)



Customers Also Bought

|                                                                                                                                                  |                                                                                                                                                 |                                                                                                                                                          |                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #964280-2<br/>JPT A REC 2.8 Contact SRC Sn</p>      |  <p>TE Part #1-2109504-2<br/>COVER FOR DTB 50P CAP</p>        |  <p>TE Part #1897138-1<br/>GET 39P COVER ASSY 90DEG</p>               |  <p>TE Part #2-2298622-1<br/>24POS,HYBRID,REC HSG ASSY, UNSLD,COD A</p> |
|  <p>TE Part #2219642-8<br/>020/060 32P PLUG ASSY BLU</p>       |  <p>TE Part #2309757-2<br/>51POS,HYBRID,TAB HSG ASSY,SLD</p> |  <p>TE Part #2350341-2<br/>025/060/110/250 HYB 51P PLUG LEVER BK</p> |  <p>TE Part #9-1897133-8<br/>GET 39P PLUG ASSY B9B10</p>               |
|  <p>TE Part #2288140-1<br/>MQS,CONTACT,MQS CLEAN BODY EDS</p> |  <p>TE Part #9-1897133-7<br/>GET 39P PLUG ASSY B8B9</p>     |                                                                                                                                                          |                                                                                                                                                            |

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

Instruction Sheets

Instruction Sheet (non U.S.)

English