

936294-2 ✓ ACTIVE

AMP MCP 2.8, AMP MCP Connector System

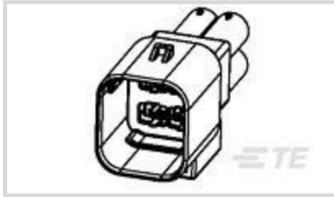
TE Internal #: 936294-2

Housing for Male Terminals, Wire-to-Wire, 6 Position, .22 in [5.6 mm] Centerline, Sealable, Black, Wire & Cable, Signal, Hybrid

[View on TE.com >](#)



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



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

Number of Positions: **6**

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

Centerline (Pitch): **5.6 mm [ .22 in ]**

Sealable: **Yes**

[All AMP MCP, SEALED CONNECTOR HOUSING \(160\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Number of Positions	6
Number of Rows	2

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black

### Contact Features

Contact Size	2.8mm
Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]



### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT
Centerline (Pitch)	5.6 mm [.22 in]

### Dimensions

Connector Height	23.1 mm [.909 in]
Product Width	48.9 mm [1.92 in]
Product Length	23.6 mm [.929 in]
Row-to-Row Spacing	6.8 mm [.267 in]

### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	42
Packaging Method	Tray

### Other

Serviceable	No
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 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 # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI

TE Part # 936257-2  
MCP-E SLD 6P PLUG ASSY BLK

TE Part # 936613-1  
2.8MM MCP-E TAB CONT

TE Part # 936759-2  
COVER FOR MCP-E SLD 6P CAP

TE Part # 368932-1  
WIRE SEAL FOR JPT(TYPE-I) BLUE

TE Part # 368933-1  
WIRE SEAL FOR JPT(TYPE-II) WHI

### Also in the Series | AMP MCP 2.8

Automotive Connector Caps & Covers (1)

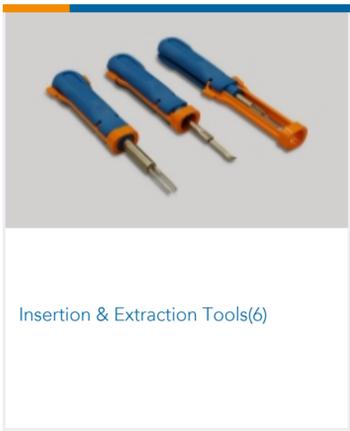
Automotive Connector Locks & Position Assurance(5)

Automotive Housings(164)

Automotive Terminals(10)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(6)

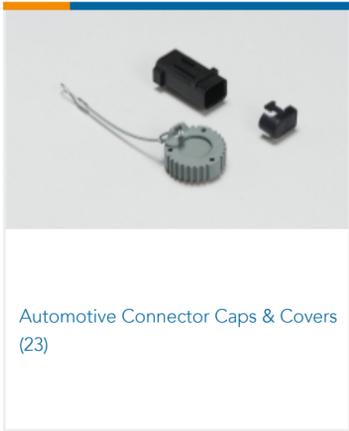


Module Components(1)

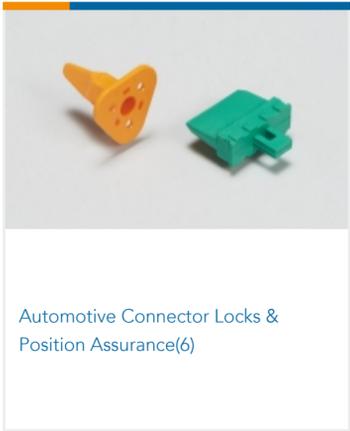


PCB Headers & Receptacles(1)

## Also in the Series | AMP MCP Connector System



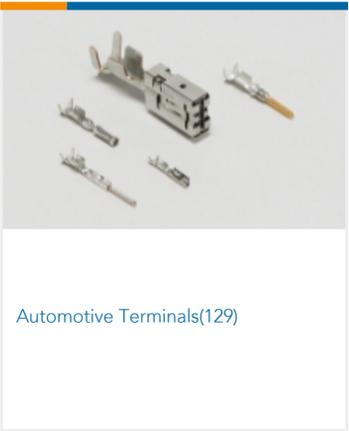
Automotive Connector Caps & Covers (23)



Automotive Connector Locks & Position Assurance(6)



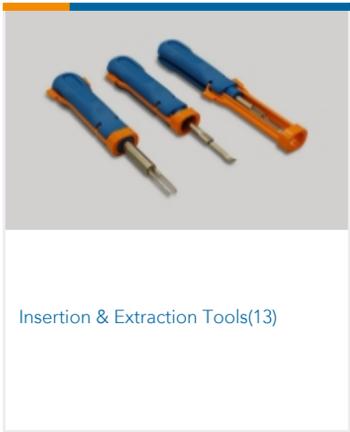
Automotive Housings(329)



Automotive Terminals(129)



Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

## Customers Also Bought



TE Part # 927829-2  
SPT REC 6.3 Contact SRC Sn



TE Part # 2-1355200-2  
MCP2,8REC HSG ASY2P



TE Part # 1743163-1  
AMP MCP, RECEPTACLE AND TAB



TE Part # 1564724-3  
1.5MM SFC,CONTACT



TE Part # 936759-2  
COVER FOR MCP-E SLD 6P CAP



TE Part # 172074-2  
POSITIVE LOCK 187 HOUSING RECEPTACLE



TE Part # 1801175-3  
2W RECEPTACLE HP CONNECTOR GREY



TE Part # 1-1801175-3  
2W RECEPTACLE HP CONNECTOR GREY



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

**Customer View Model**

[ENG\\_CVM\\_CVM\\_936294-2\\_O\\_c-936294-2-o.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_936294-2\\_O\\_c-936294-2-o.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_936294-2\\_O\\_c-936294-2-o.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