

2-968976-9 ✓ ACTIVE

AMP | AMP MCP 2.8, AMP MCP Connector System

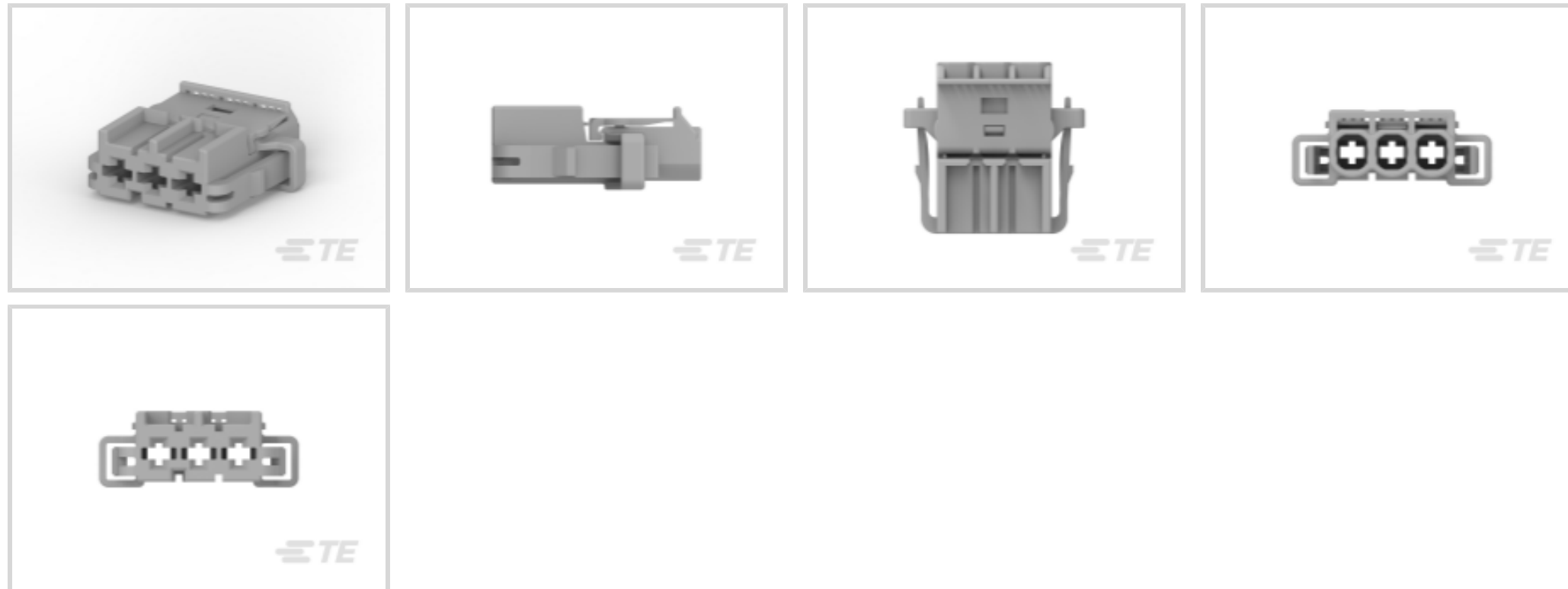
TE Internal #: 2-968976-9

Housing for Female Terminals, Wire-to-Wire, 3 Position, .217 in [5.5 mm] Centerline, Gray, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMP Unsealed Connector Housing



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

Number of Positions: **3**

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

Centerline (Pitch): **5.5 mm [.217 in]**

Sealable: **No**

[All AMP Unsealed Connector Housing \(176\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	28 VDC
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Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	B

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	44 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 66 - GF13
Centerline (Pitch)	5.5 mm[.217 in]

Dimensions

Connector Height	9.7 mm[.382 in]
Product Width	26 mm[1.02 in]
Product Length	27.5 mm[1.082 in]

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP30
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1000
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Packaging Method	Carton
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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) 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>

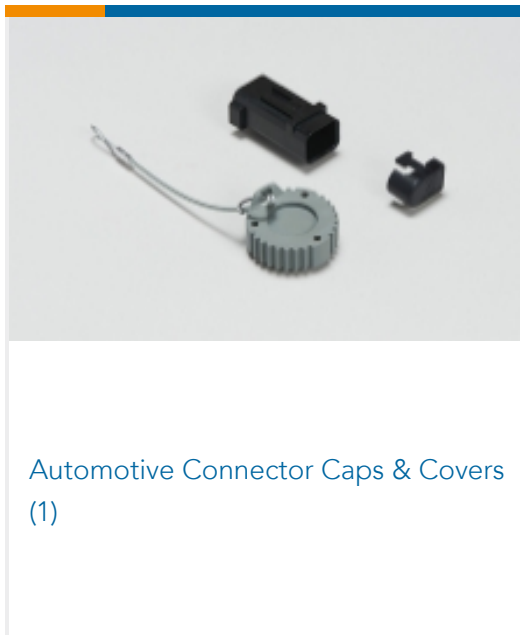
Compatible Parts



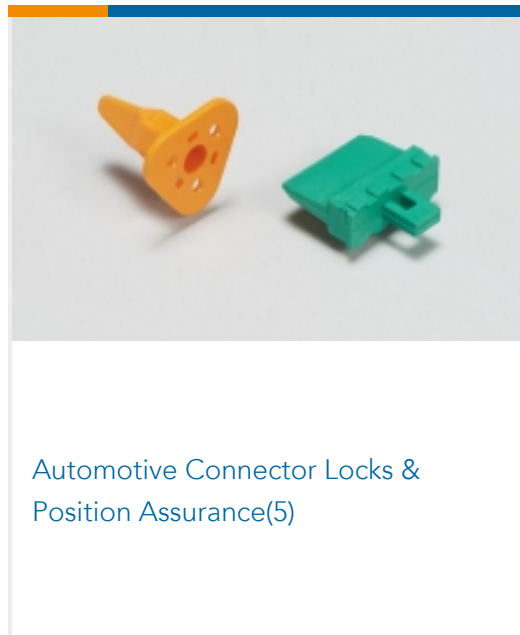


TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

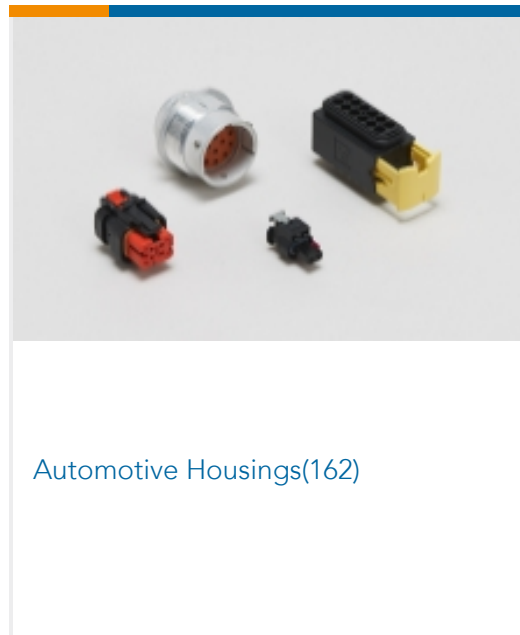
Also in the Series | AMP MCP 2.8



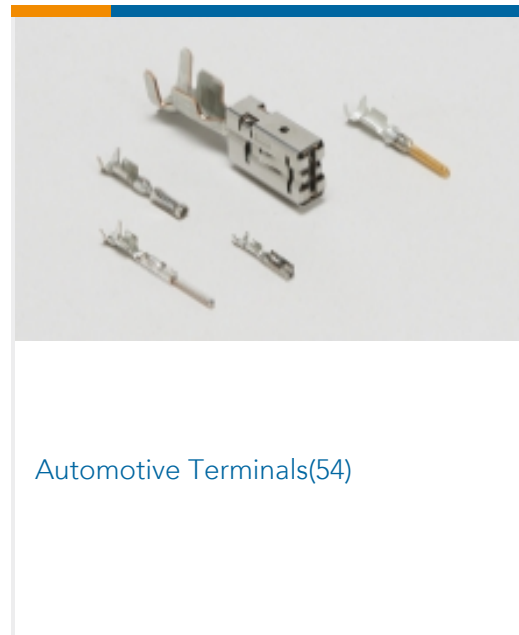
Automotive Connector Caps & Covers
(1)



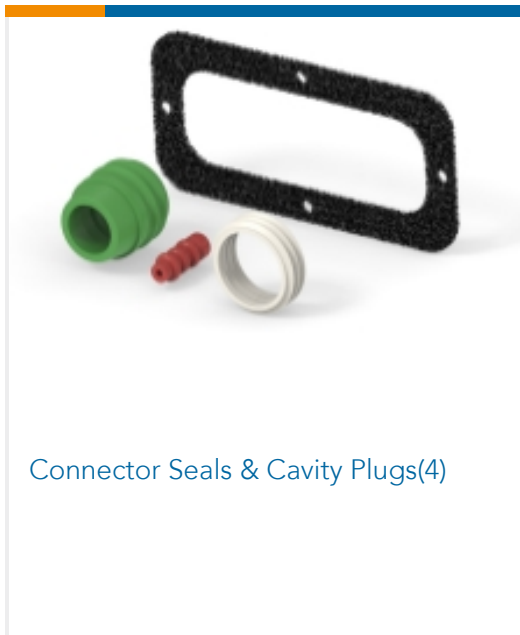
Automotive Connector Locks &
Position Assurance(5)



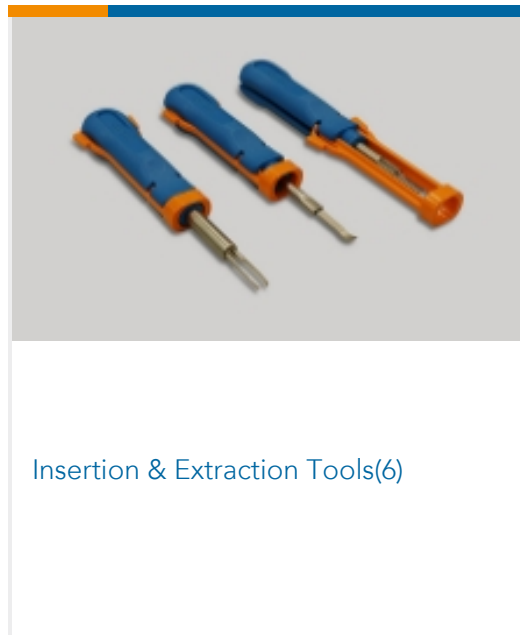
Automotive Housings(162)



Automotive Terminals(54)



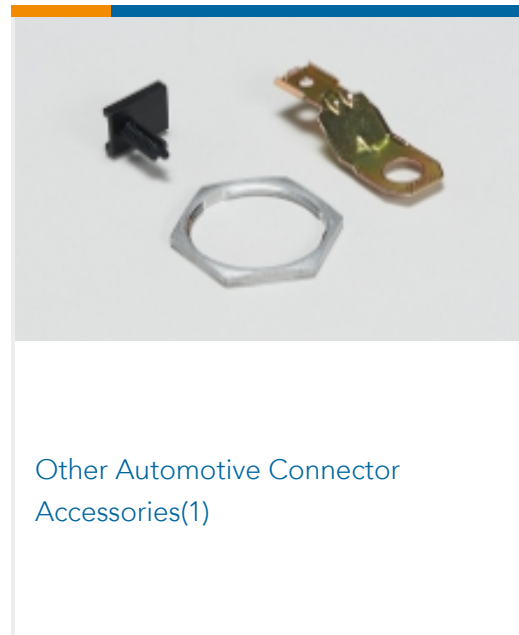
Connector Seals & Cavity Plugs(4)



Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector
Accessories(1)

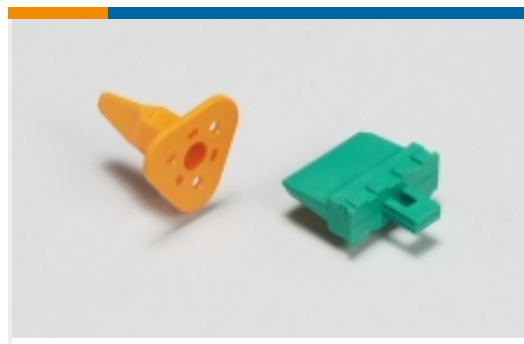


PCB Headers & Receptacles(1)

Also in the Series | AMP MCP Connector System



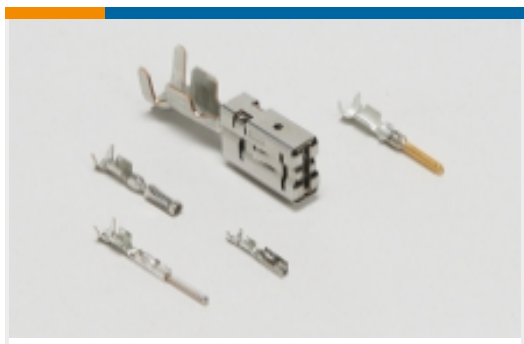
Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(260)



Automotive Terminals(11)



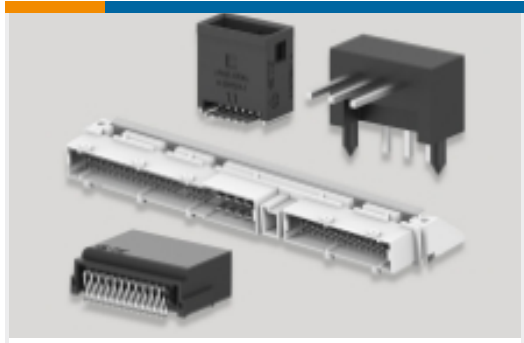
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #1-968976-9
AMP Unsealed Connector Housing



TE Part #350538-3
UMNL PIN 20-14 .0125 PTPPHBZ



TE Part #1-965641-1
Timer Connector Housing



TE Part #1-1718484-3
CARRIER FOR RECEPTACLE INSERTS



TE Part #1379096-3
COV+LEV MQS 12W 90DEG BLK



TE Part #2324808-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #1-1634201-0
PRFDD3-16F-BB000

Documents

[Product Drawings](#)
[MCP2.8 BU-GEH 3P](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2-968976-9_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-968976-9_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-968976-9_B.3d_stp.zip](#)

English

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Product Specifications

HOUSINGS FOR AMP MCP2.8 CONTACT, UNSEALED

English

[Application Specification](#)

English