

2-965641-1 ✓ ACTIVE

AMP | AMP MCP Connector System, AMP MCP 2.8

TE Internal #: 2-965641-1

Housing for Male Terminals, Wire-to-Board / Wire-to-Wire, 6
Position, 5 mm [.197 in] Centerline, Natural, Wire & Cable, Power,
Hybrid

[View on TE.com >](#)



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



Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **6**

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

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

Sealable: **No**

[All AMP Unsealed Connector Housing \(110\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Housing Features

Centerline (Pitch)	5 mm [.197 in]
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Housing Material	PA GF
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Contact Features

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

Body Features

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

Operation/Application

Circuit Application	Power
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Mechanical Attachment

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

Usage Conditions

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

Electrical Characteristics

Nominal Voltage Architecture	28 V
Operating Voltage	28 VDC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	No

Dimensions

Product Width	35.45 mm[1.396 in]
Product Length	17.5 mm[.689 in]
Connector Height	30.6 mm[1.205 in]



Packaging Features

Packaging Method	Box
Packaging Quantity	1500

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

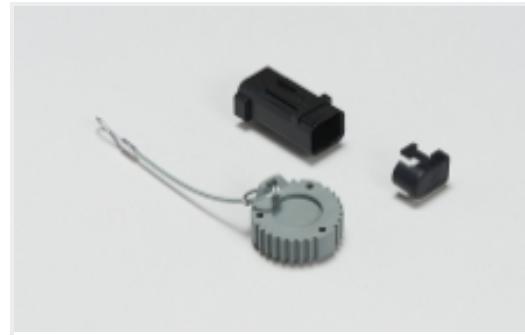
Product Compliance Disclaimer

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>

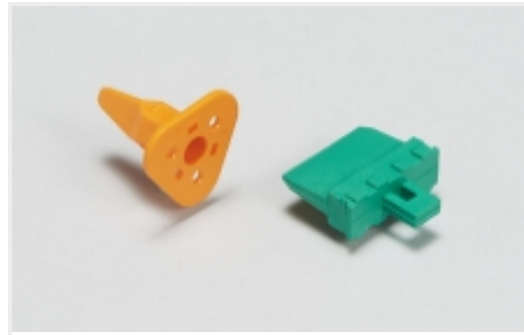
Compatible Parts



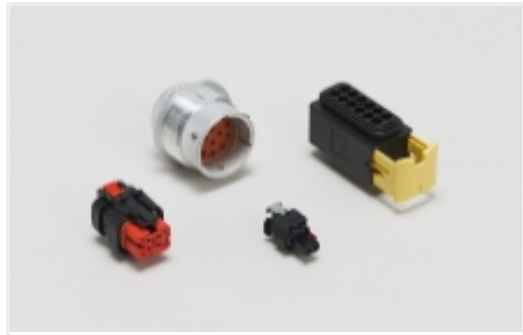
Also in the Series | AMP MCP Connector System



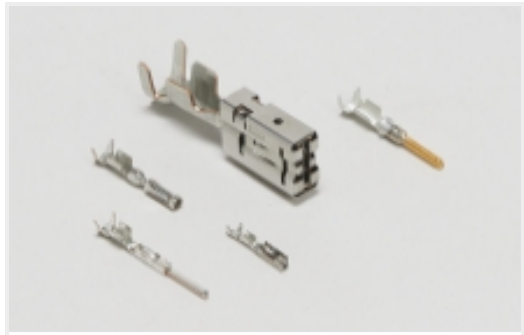
Automotive Connector Caps & Covers
(24)



Automotive Connector Locks &
Position Assurance(4)



Automotive Housings(265)



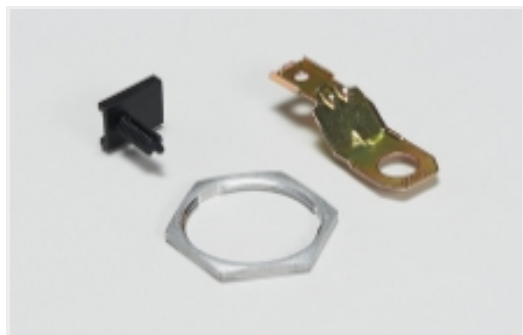
Automotive Terminals(11)



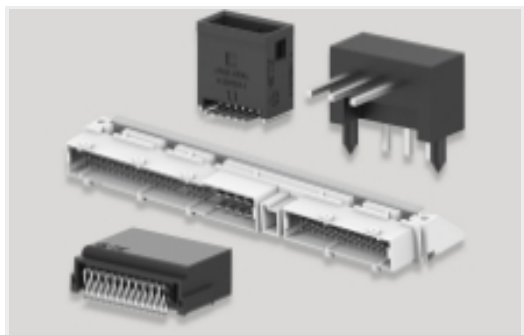
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



Other Automotive Connector
Accessories(2)

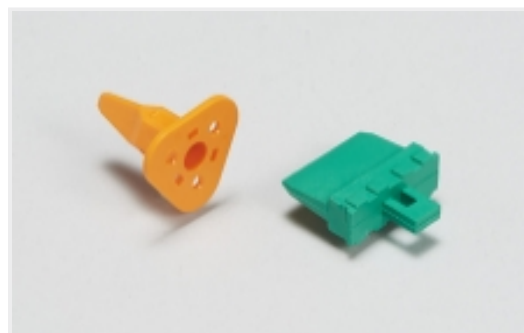


PCB Headers & Receptacles(32)

Also in the Series | AMP MCP 2.8



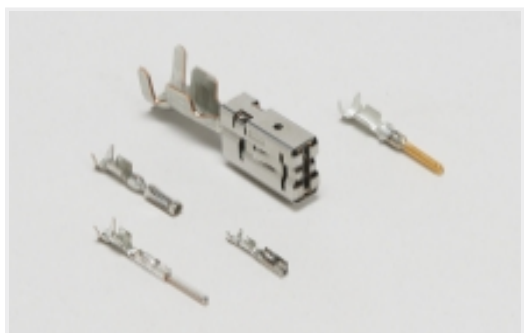
Automotive Connector Caps & Covers
(1)



Automotive Connector Locks &
Position Assurance(5)



Automotive Housings(162)



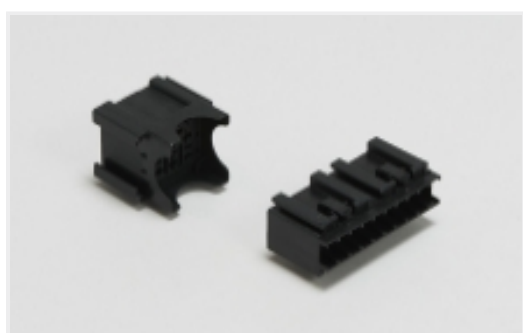
Automotive Terminals(53)



Connector Seals & Cavity Plugs(3)



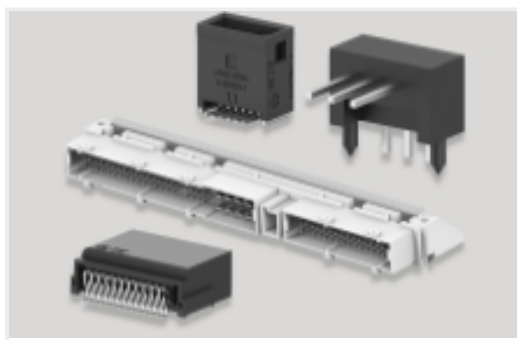
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #8-968971-1
AMP Unsealed Connector Housing

Documents

Product Drawings

[TAB HSG 2.8MM 6POS.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-965641-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-965641-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-965641-1_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English