

1-967630-1 ✓ ACTIVE

AMP | AMP MCP 2.8, AMP MCP Connector System

TE Internal #: 1-967630-1

Housing for Male Terminals, Wire-to-Wire, 21 Position, .197 in [5 mm] Centerline, Brown, Signal, Panel Mount, -40 – 248 °F [-40 – 120 °C], Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > AMP MCP, UNSEALED CONNECTOR HOUSING



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **21**

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

[All AMP MCP, UNSEALED CONNECTOR HOUSING \(187\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	21
Number of Rows	3

Electrical Characteristics

Operating Voltage	28 VDC
Nominal Voltage Architecture	12 V, 24 V



Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Brown
Connector Code	A

Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Product Width	35.45 mm[1.396 in]
Product Length	42.5 mm[1.673 in]
Product Height	30.6 mm[1.205 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	600
Packaging Method	Bag



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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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 # 1-967625-1
JR POW TIM 21P



TE Part # 8-968975-1
MCP2.8 GEH 21P



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

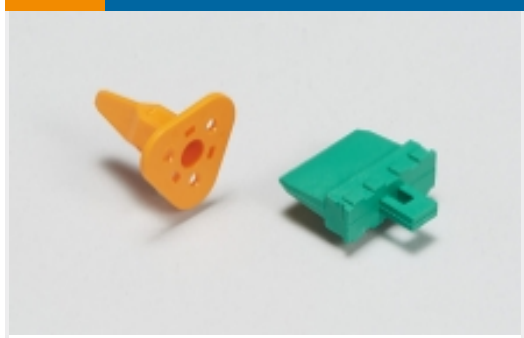


TE Part # 1745069-1
HOLDER FOR 070 NEW GEN. 6-21
POS JPT/MCP

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



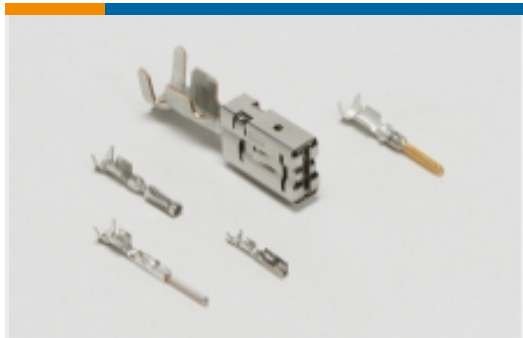
Automotive Connector Locks & Position Assurance (6)



Automotive Housings (179)



Automotive Seals & Cavity Plugs (1)



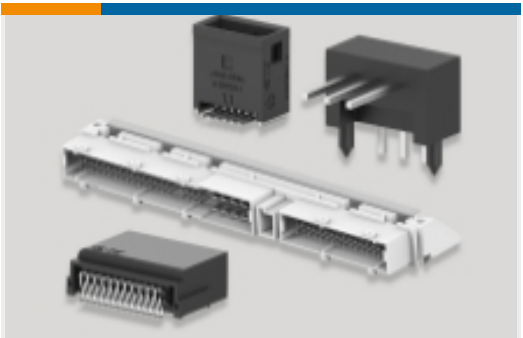
Automotive Terminals (6)



Insertion & Extraction Tools (6)



Module Components (1)

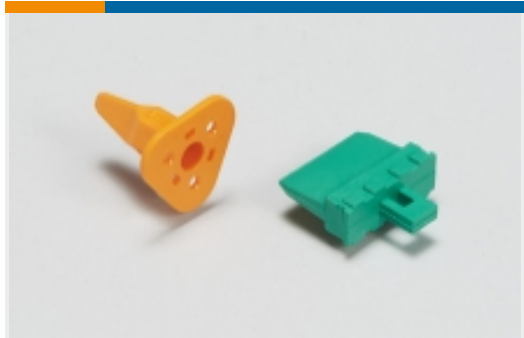


PCB Headers & Receptacles (1)

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance (7)



Automotive Housings (352)



Automotive Seals & Cavity Plugs (6)



Automotive Terminals (125)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (29)

Customers Also Bought



TE Part #1-967625-1
TIMER, CONNECTOR HOUSING



TE Part #1-967627-1
AMP MCP, UNSEALED CONNECTOR HOUSING

Documents

Product Drawings

[FLA STEGEHZ](#)

English

[FLA STEGEHZ](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-967630-1_E.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-967630-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967630-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English