3-967630-1 ✔ ACTIVE

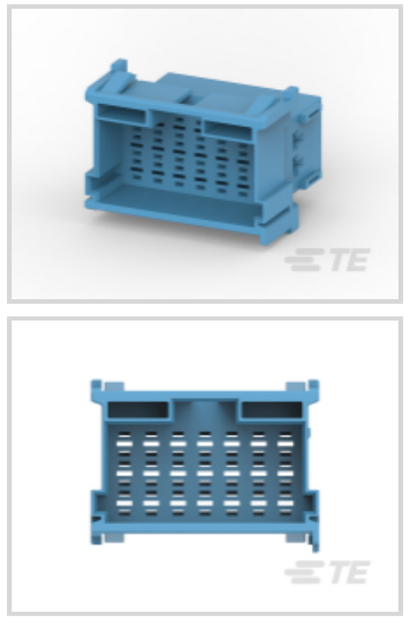
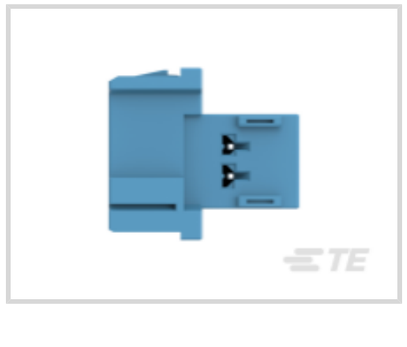
AMP | AMP MCP 2.8, AMP MCP Connector System

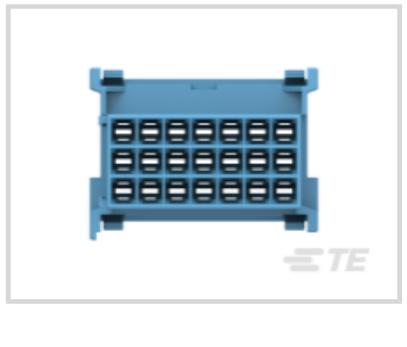
TE Internal #: 3-967630-1

Hybrid, Housing for Male Terminals, Wire-to-Wire, 21 Position, 5mm [.197in] Centerline, Blue, Signal

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 (179)

Features

Product Type Features

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	Blue

Contact Features

Mating Tab Width	2.8 mm[.11 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	No
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	5 mm[.197 in]

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

Packaging Features

Packaging Quantity	600
Packaging Method	Box

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-AM705-CH8173
AMP MCP, UNSEALED CONNECTOR HOUSING

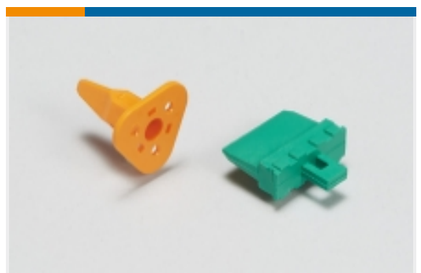


TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(6)



Automotive Headers(1)



Automotive Housings(179)



Automotive Seals & Cavity Plugs(1)



Automotive Terminals(6)



Insertion & Extraction Tools(6)

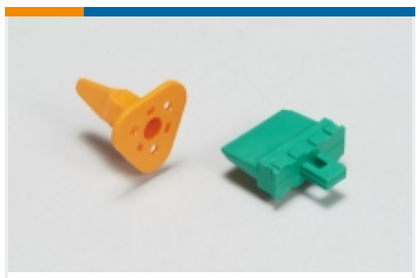


Module Components(1)

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(8)



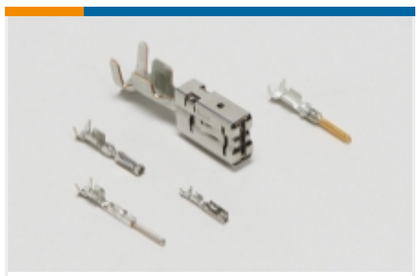
Automotive Headers(29)



Automotive Housings(352)



Automotive Seals & Cavity Plugs(6)



Automotive Terminals(124)

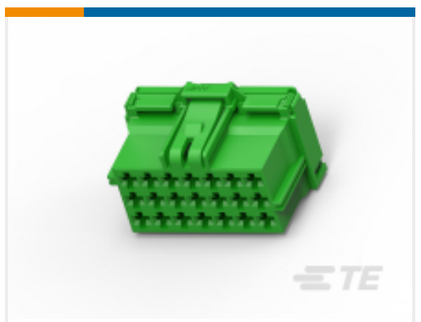


Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part #1-967628-1
AMP MCP, UNSEALED CONNECTOR HOUSING



TE Part #1-965641-1
TIMER, CONNECTOR HOUSING



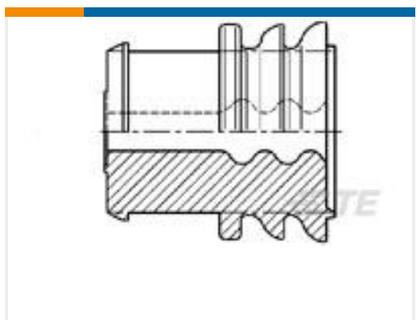
TE Part #1-1718485-3
AMP MCP BACKSHELLS



TE Part #1-968946-1
TIMER, RECEPTACLE AND TAB



TE Part #1-968849-1
AMP MCP, RECEPTACLE AND TAB



TE Part #100132-1
CAVITY PLUG

Documents

Product Drawings

FLA-STE-GEH2,8 21P

English

FLA-STE-GEH2,8 21P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-967630-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-967630-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-967630-1_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English