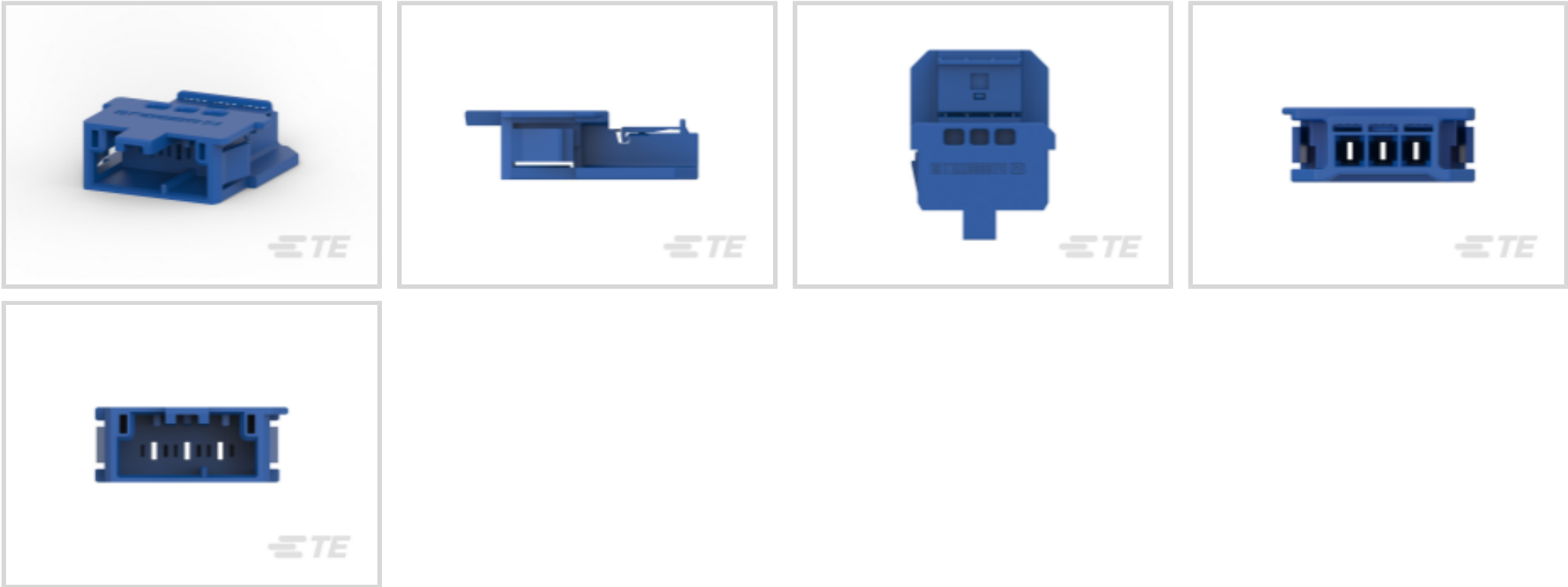




Automotive Parts > Automotive Connectors > Automotive Housings > AMP Unsealed Connector Housing



Nominal Voltage Architecture: 12 V, 24 V
Connector & Housing Type: **Housing for Male Terminals**
Number of Positions: 3
Sealable: **No**
Operating Temperature Range: -40 – 120 °C [-40 – 248 °F]

[All AMP Unsealed Connector Housing \(109\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

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

Cable Exit Angle	180°
Primary Product Color	Blue
Connector & Keying Code	C

Contact Features

Contact Size	2.8mm
Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	44 A

Mechanical Attachment

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

Housing Features

Housing Material	PA 66 GF
Centerline (Pitch)	5.5 mm[.217 in]

Dimensions

Product Width	42 mm[1.65 in]
Product Length	32.1 mm[1.26 in]
Connector Height	12.4 mm[.488 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP30
UL Flammability Rating	UL 94HB

Packaging Features



Packaging Quantity	1500
Packaging Method	Box

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-968976-9
MCP2.8 BU-GEH 3P



TE Part # CAT-AM705-CH8173
AMP Unsealed Connector Housing



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

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers
(1)



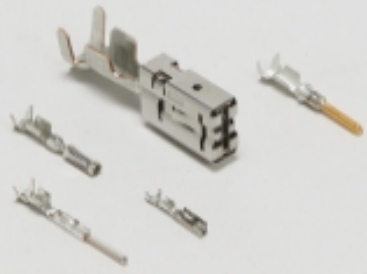
Automotive Connector Locks &
Position Assurance(5)



Automotive Housings(193)



Automotive Signal & Power Headers(1)



Automotive Terminals(52)



Other Automotive Connector
Accessories(1)

Also in the Series | AMP MCP 2.8



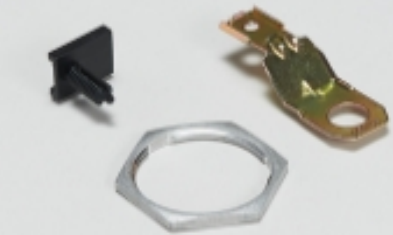
Automotive Connector Locks &
Position Assurance(5)



Automotive Housings(193)



Automotive Seals & Cavity Plugs(2)



Other Automotive Connector
Accessories(1)

Customers Also Bought



TE Part #1-967625-4
JUN-POW-TIM GEH 21P

TE Part #CAT-AM705-CH8173
AMP Unsealed Connector Housing

TE Part #3-1534903-2
60POS MIXED MQS REC SEALED
COD 2-3-6-7

TE Part #1-1924067-3
2POS, MCON 1.2 CB REC 2p TL
SEALED

TE Part #1-2112891-5
36POS, TAB 1.5X0.6, TAB HSG, ASSY

TE Part #1-2112891-6
36POS, TAB 1.5X0.6, TAB HSG, ASSY

TE Part #9-2176477-5
RA73F 2A 5K23 0.1% 1K RL

TE Part #2381454-1
SDE F DYNAMIC 3000 20-24 AWG
ASSY

TE Part #173850-1
070 MULTILOCK PLUG 8P

Documents

Product Drawings
2,8MM FLA-STE-GEH3P

English

CAD Files
Customer View Model
ENG_CVM_CVM_3-968977-9_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-968977-9_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-968977-9_B.3d_stp.zip

English

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

Product Specifications



HOUSINGS FOR AMP MCP2.8 CONTACT, UNSEALED

English

Application Specification

English