



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



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

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

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

Number of Positions: **12**

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

[All AMP MCP, UNSEALED CONNECTOR HOUSING \(179\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
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	PBT GF
Primary Product Color	Gray

Contact Features

Mating Tab Width	2.8 mm[.11 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	No

Housing Features

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

Product Width	26 mm[1.024 in]
Product Length	26 mm[1.024 in]
Product Height	24 mm[.945 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	1500
Packaging Method	Carton

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-T4827-CH8172
TIMER, CONNECTOR HOUSING




TE Part # CAT-LMPH9507
LOW & MEDIUM POWER HEADER

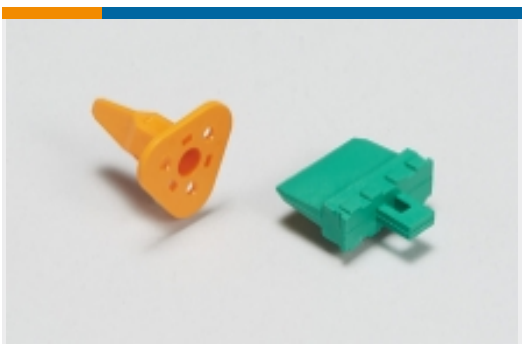


TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB


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 #1394512-1
EINZELLEITDICHTG,BL

TE Part #969191-1
TIMER, CONNECTOR HOUSING

TE Part #1-968853-1
AMP MCP, RECEPTACLE AND TAB

TE Part #1318801-1
TH/.025 CONNECTOR SYSTEM,
HOUSING

Documents

- Product Drawings

MCP2.8 GEH ASSY 12P

English
- CAD Files

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_8-968972-2_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-968972-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-968972-2_F.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English