5-968973-1 ✔ ACTIVE

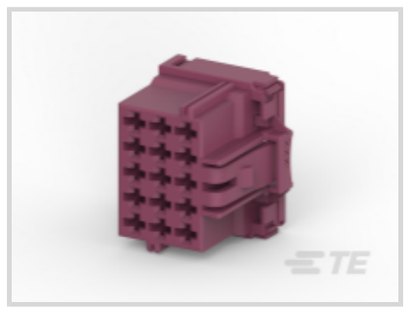
AMP | AMP MCP 2.8, AMP MCP Connector System

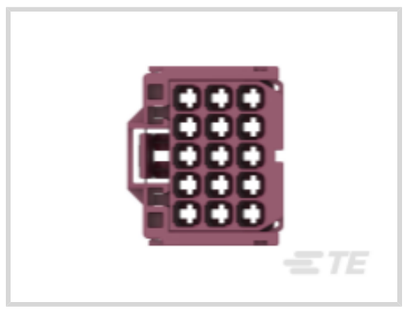
TE Internal #: 5-968973-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 15 Position, .197 in [5 mm] Centerline, Claret Violet, Wire & Cable, Hybrid

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMP MCP Unsealed Connector Housings




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

Number of Positions: **15**

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

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

Sealable: **No**

All AMP MCP Unsealed Connector Housings (176)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	15
Number of Rows	3

Electrical Characteristics

Operating Voltage	28 VDC

Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Claret Violet
Connector & Keying Code	D

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Height	24 mm[.945 in]
Product Width	31 mm[1.22 in]
Product Length	31 mm[1.22 in]
Row-to-Row Spacing	5.5 mm[.217 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	1200
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

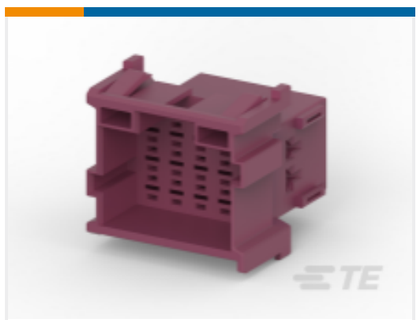
Product Compliance Disclaimer

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 # 9-966140-2
MESSERLEISTE 15P



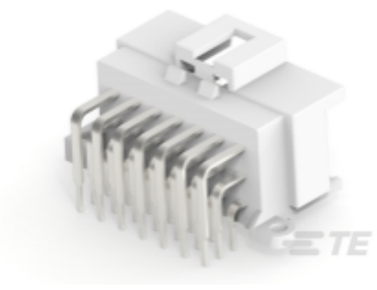
TE Part # 4-967628-1
TAB HSG 2.8MM 15POS.



TE Part # CAT-HPCH5372
High Pin Count Header



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

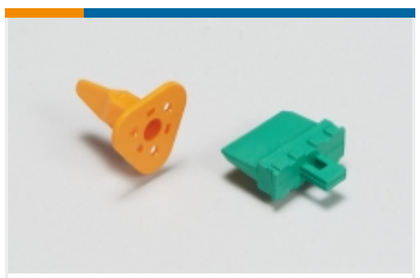


TE Part # 4-966140-6
TAB HEADER2,8X0,8MM 21POS

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(155)



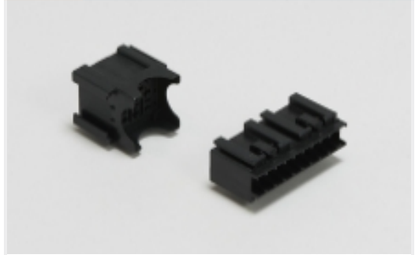
Automotive Terminals(6)



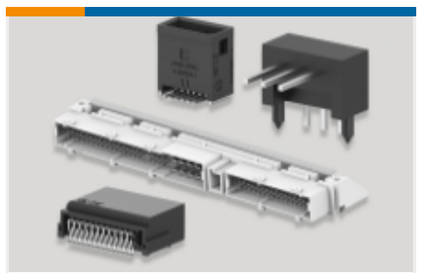
Connector Seals & Cavity Plugs(1)



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(4)



Automotive Housings(291)



Automotive Terminals(110)



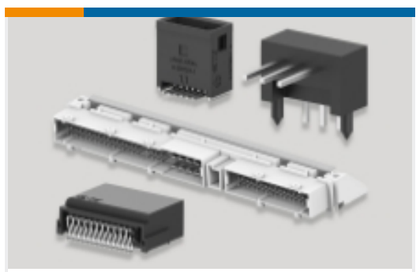
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part # 493487-1
Timer Connector Housing



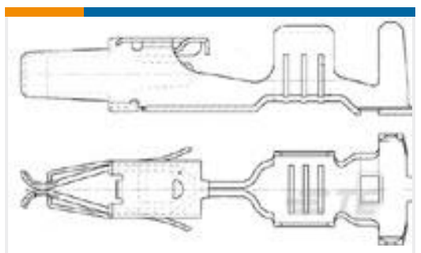
TE Part # 925016
4P FF .110 HOUSING REC PA66 NATURAL



TE Part # 6-968972-1
AMP MCP Unsealed Connector Housings



TE Part # 1-1627087-0
RECEPTACLE, FLAG QC 4.8x0.8 (H25411)



TE Part # 185027-1
JPT F REC 2.8 Contact SWS Sn



TE Part # 279328-1
MOTOR TERMINAL II



TE Part # 776074-2
10P PLUG ABC CONN LH

Documents

Product Drawings

AMP MCP 2.8 HSG 15 POS. 2.LOCKING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-968973-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-968973-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-968973-1_F.3d_stp.zip

English

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Product Specifications

Application Specification

English