3-967627-1 ✔ ACTIVE

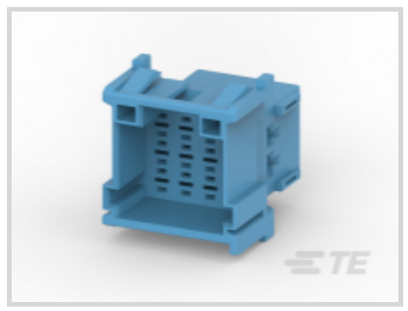
AMP | AMP MCP 2.8, AMP MCP Connector System

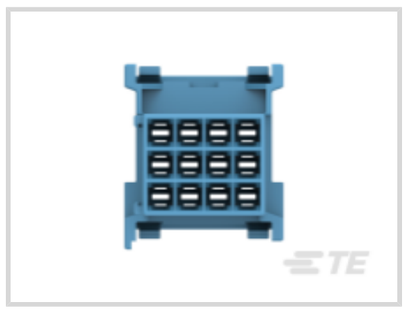
TE Internal #: 3-967627-1

Housing for Male Terminals, Wire-to-Wire, 12 Position, 5 mm [.197 in] Centerline, Light Blue, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

View on TE.com >

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




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

Number of Positions: **12**

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

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

Sealable: **No**

All AMP Unsealed Connector Housing (110)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	28 VDC

Nominal Voltage Architecture	28 V

Body Features

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

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	30.6 mm[1.205 in]
Product Width	35.45 mm[1.396 in]
Product Length	27.5 mm[1.083 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	950
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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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 # 967632-1
2. KONT-SICHERUNG 12P

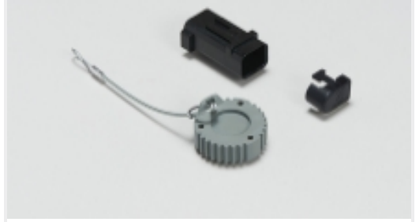


TE Part # 6-968972-1
AMP MCP 2.8 HSG 12POS. 2.LOCKING

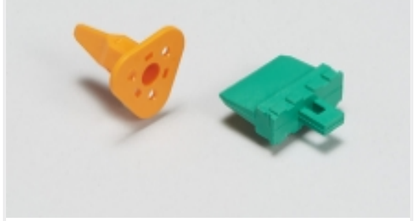


TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

Also in the Series | AMP MCP 2.8



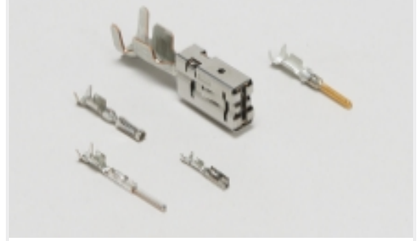
Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(5)



Automotive Housings(162)



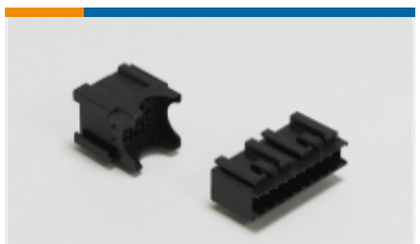
Automotive Terminals(53)



Connector Seals & Cavity Plugs(3)



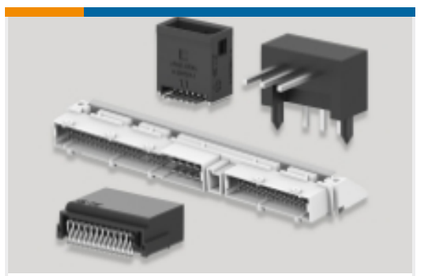
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector Accessories(1)

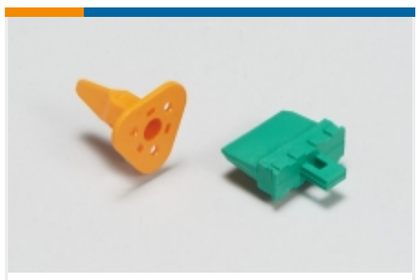


PCB Headers & Receptacles(1)

Also in the Series | AMP MCP Connector System



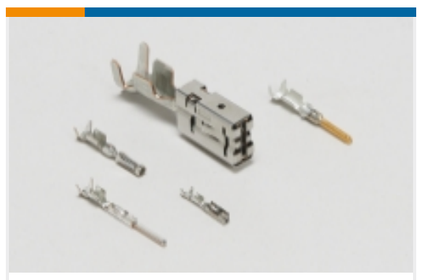
Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(260)



Automotive Terminals(11)



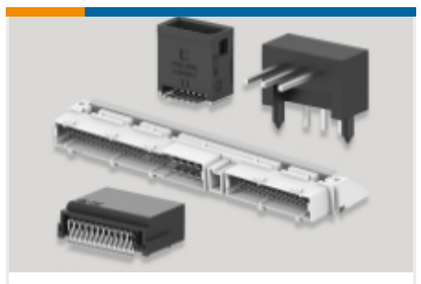
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #3-967628-1
AMP Unsealed Connector Housing



TE Part #284340-2
FF 250 TAB 0.8-2.4MM2 PTBR



TE Part #F970373001
55E0219-1.00-9(B01)

Documents

Product Drawings

TAB HSG 2.8MM 12POS.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-967627-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-967627-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-967627-1_D.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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

CPF0402B37K4E1 1393431-1 1743455-2 1969656-1 2380312-2 3-1393225-0 917696-1 ROX05SJ18R TE50BR39J 1-794222-0 1-962915-1 2834055-1 3430B2F51RTDF SBCHE64R7K 175977-2 MPT100C18RF SBCHE154R7K 2005330-1 2310537-1 3631B101LL RH73H2A40MKTN SMW73R0JT 2-292161-3 650075-000 936348-1 U5254-000005-030PA 141991-2 1903112-2 2377783-2 CRGCQ2010J3K3