1-1394765-1 ✔ ACTIVE

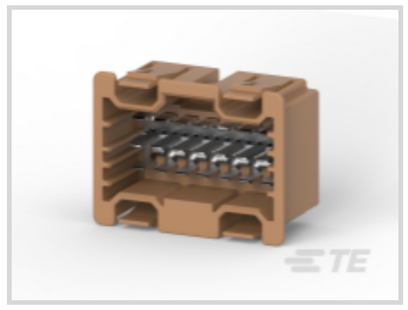
AMP | AMP MCP 2.8, AMP MCP Connector System

TE Internal #: 1-1394765-1

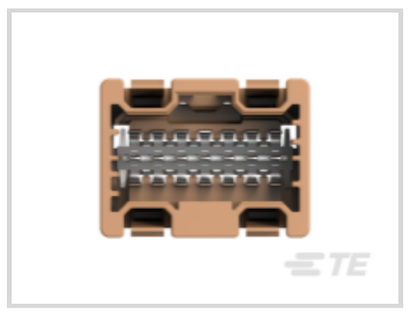
Housing for Male Terminals, Wire-to-Panel, 21 Position, 5 mm [.197 in] Centerline, Brown, Wire & Cable, Power, Panel Mount, Hybrid

View on TE.com >

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







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

Number of Positions: **21**

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

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

Sealable: **No**

All AMP Unsealed Connector Housing (176)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Panel
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	21
Number of Rows	3

Body Features

Cable Exit Angle	180°
Primary Product Color	Brown

Connector & Keying Code	A

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	Panel Mount

Housing Features

Housing Material	PBT GF10
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Height	33.7 mm[1.33 in]
Product Width	21 mm[.826 in]
Product Length	44.7 mm[1.76 in]
Row-to-Row Spacing	5.5 mm[.216 in]

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	DIN IEC 512, SAE/USCAR-2

Packaging Features

Packaging Quantity	462
Packaging Method	Package

Other

Serviceable	No

Connector Position Assurance Capable	No

Product Compliance

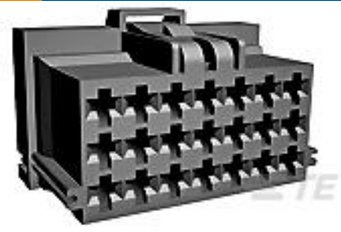
For compliance documentation, visit the product page on TE.com>

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: JUNE 2023 (235) 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

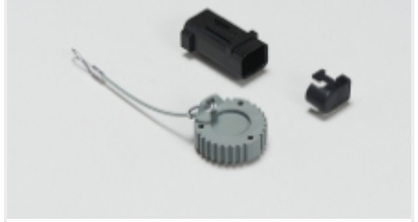


TE Part # 8-968975-1
MCP2.8 GEH 21P

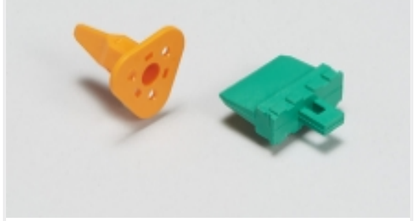


TE Part # 1-962842-2
TAB 2.8x0.8 CONTACT CS SRC Ag

Also in the Series | AMP MCP 2.8



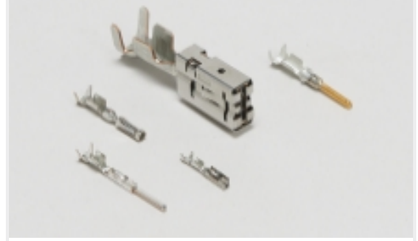
Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(5)



Automotive Housings(162)



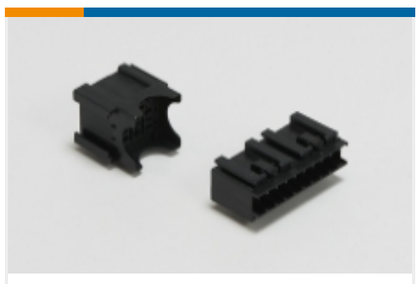
Automotive Terminals(53)



Connector Seals & Cavity Plugs(4)



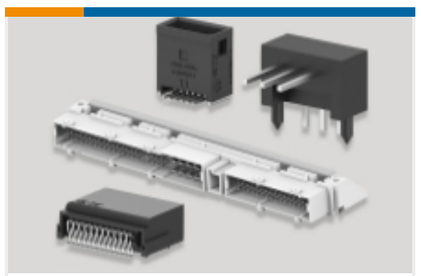
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector Accessories(1)

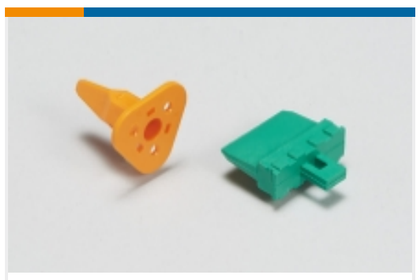


PCB Headers & Receptacles(1)

Also in the Series | AMP MCP Connector System



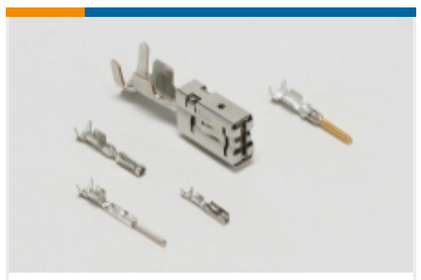
Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(260)



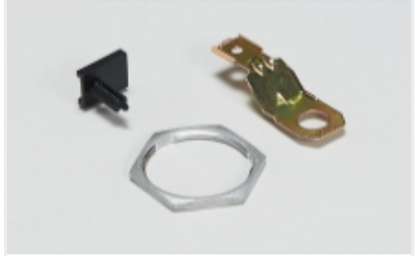
Automotive Terminals(11)



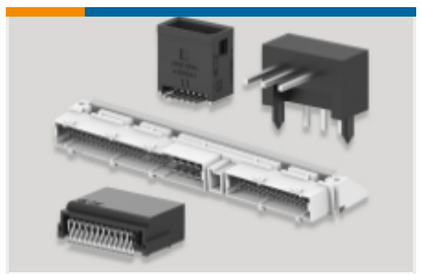
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)

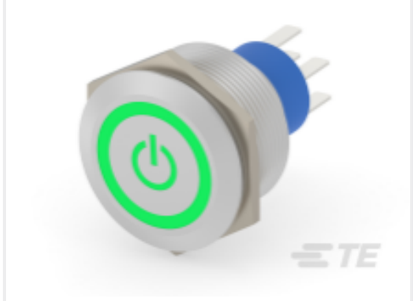


PCB Headers & Receptacles(28)

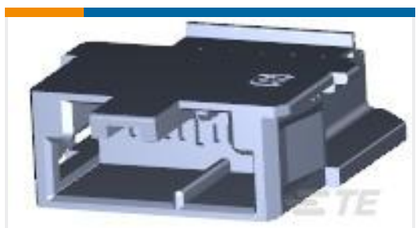
Customers Also Bought



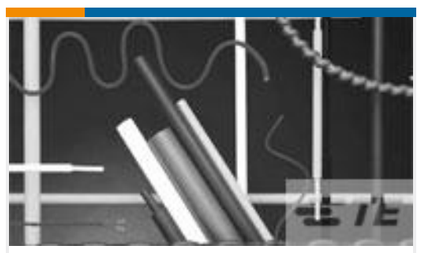
TE Part #1-968976-9
AMP Unsealed Connector Housing



TE Part #2-2317658-9
AV25 DPL 3A MOVING RING POWER GREEN 24V



TE Part #2-968977-9
2,8MM FLA-STE-GEH3P



TE Part #9661904001
CGPT-9.5/4.8-0-FSP

TE Part #K1050364
Limit switch G13-01-1555



TE Part #1-968873-1
AMP MCP 2.8, CONTACT (LP)

Documents

Product Drawings

2.8FLA-STE-GEH 21P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1394765-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1394765-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1394765-1_C.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:

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