1-1394765-1 ✔ ACTIVE

AMP | AMP MCP 2.8, AMP MCP Connector System

TE Internal #: 1-1394765-1

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

View on TE.com >

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







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **21**

Sealable: **No**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °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	Integrated in Housing
Connector System	Wire-to-Panel
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	21
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V

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

Strain Relief	Without
Terminal Position Assurance	No
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

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

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operating Temperature (Max)	85 °C[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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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

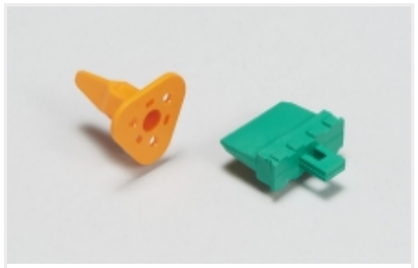


TE Part # 8-968975-1
MCP2.8 GEH 21P



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

Also in the Series | AMP MCP Connector System



Automotive Connector Locks & Position Assurance(5)



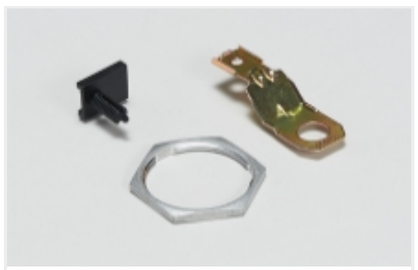
Automotive Housings(193)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Connector Housings(111)

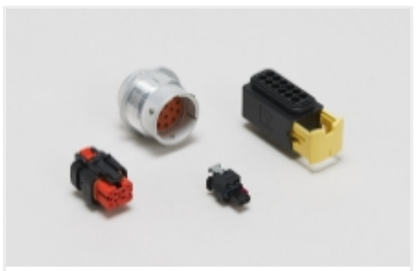


Other Automotive Connector Accessories(1)

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



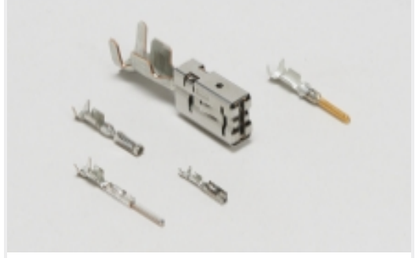
Automotive Housings(193)



Automotive Signal & Power Connector Housings(111)



Automotive Signal & Power Headers(1)

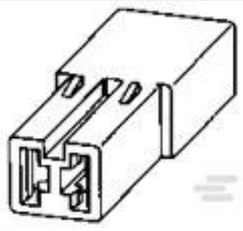


Automotive Terminals(52)

Customers Also Bought



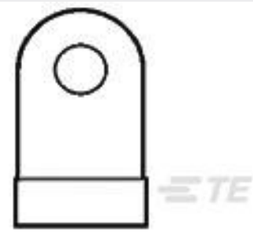
TE Part #160914-2
FF 250 REC 4-6MM2 TPBR



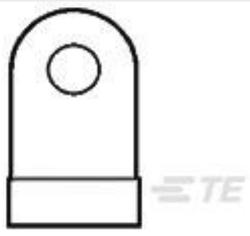
TE Part #180923
FF 250 REC HSG 2P NYLON NAT



TE Part #206306-3
CPC RECPT SEALED SIZE 23-37



TE Part #321580
TERMINAL,SOLIS FLAG R 1/0 5/16



TE Part #321582
TERMINAL,SOLIS FLAG R 2/0 5/16



TE Part #640550-7
07P MTA100 COVER



TE Part #770903-1
MINI UMNL PIN 22-18 AWG SN



TE Part #1445022-3
MICRO MNL RFECEPT HSG SINGLE R

TE Part #1SNL350060R2000
DBL500-F PK18

TE Part #967388-1
PLUG BOARD ASSY-RL

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

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Product Specifications

Application Specification

English