



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



Number of Positions: 21

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

Mating Tab Width: 2.8 mm [.11 in]

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

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

[All AMP Unsealed Connector Housing \(109\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	21
Number of Rows	3

Body Features

Cable Exit Angle	180°
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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 (Max)	85 °C[185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

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

Packaging Quantity	462
Packaging Method	Package

Other

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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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
(25)



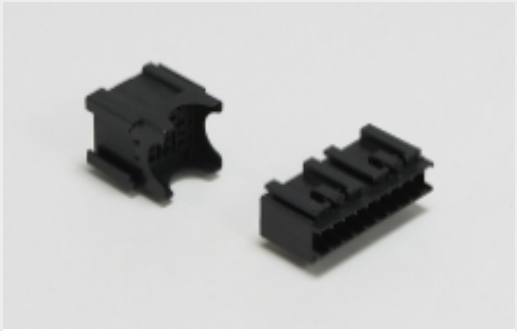
Automotive Connector Locks &
Position Assurance(4)



Automotive Housings(257)



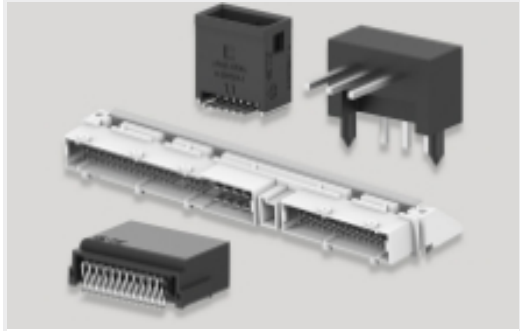
Automotive Terminals(7)



Module Components(1)



Other Automotive Connector
Accessories(3)

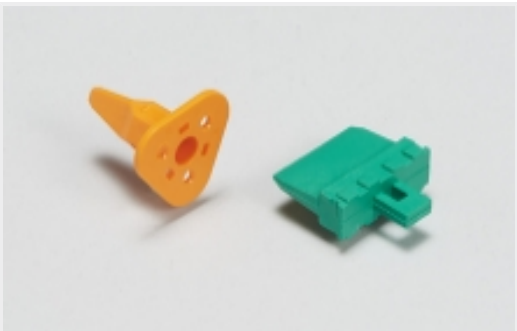


PCB Headers & Receptacles(31)



Rectangular Power Connectors(15)

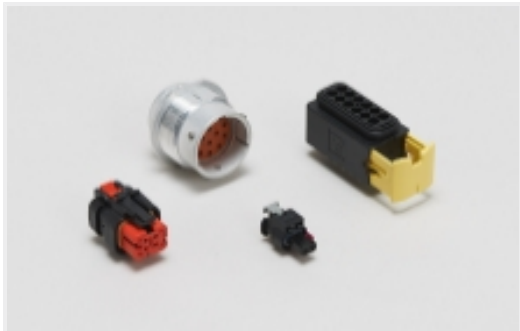
Also in the Series | AMP MCP Connector System



Automotive Connector Locks &
Position Assurance(4)



Automotive Headers(31)



Automotive Housings(257)



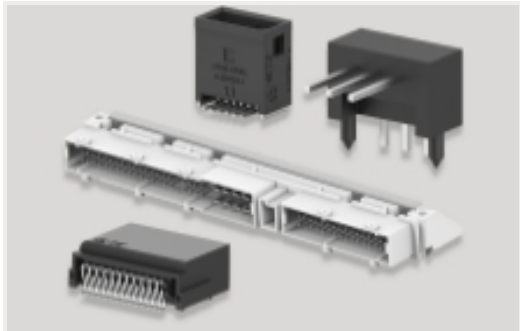
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



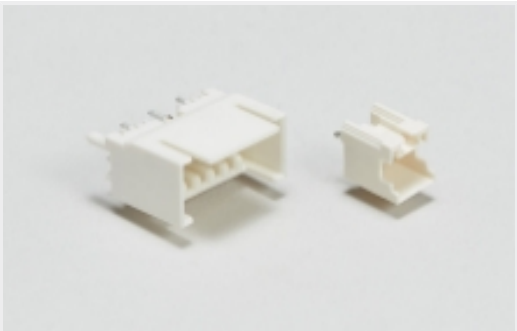
Other Automotive Connector
Accessories(3)



PCB Headers & Receptacles(31)



Rectangular Power Connectors(15)



Wire-to-Board Headers & Receptacles
(30)



Customers Also Bought

TE Part #2-1703808-1
4POS,TAB 2.8X0.8,TAB HSG,ASSY,
CODB

TE Part #K1002981
Toggle Switch 07-2-2-13

TE Part #165143
PG WIRE PIN 22-16

TE Part #1071233001
VG-95218-T021-E001

TE Part #CAT-T4827-CH8172
Timer Connector Housing

TE Part #6823673001
VG-95218-T021-E002

TE Part #K1050364
Limit switch G13-01-1555

TE Part #1594793001
100G0111-0.60-6

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