1-1718491-1 ✔ ACTIVE

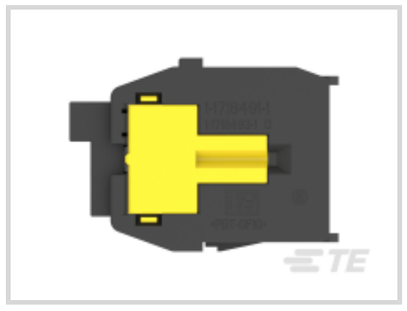
AMP | AMP MCP Connector System

TE Internal #: 1-1718491-1

Housing for Male Terminals, Wire-to-Device / Wire-to-Board, 25 Position, .197 in [4 mm / 5 mm] Centerline, Black, AMP MCP Connector System

View on TE.com >

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




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

Number of Positions: **25**

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

Centerline (Pitch): **4 mm, 5 mm [.197 in]**

Sealable: **No**

All AMP MCP Unsealed Connector Housings (193)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	25
Number of Rows	3

Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.5mm, 2.8mm
Contact Type	Tab
Mating Tab Width	1.5 mm, 2.8 mm[.059 in][.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 GF
Centerline (Pitch)	4 mm, 5 mm[.197 in]

Dimensions

Connector Height	43.1 mm[1.698 in]
Product Width	30.6 mm[1.205 in]
Product Length	44.5 mm[1.75 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 - 120 °C[-40 - 248 °F]

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box

Other

Serviceable	Yes

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	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 # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 1-2141846-1
CARRIER,RECEPTACLE HSG, 25POS, ASSY



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

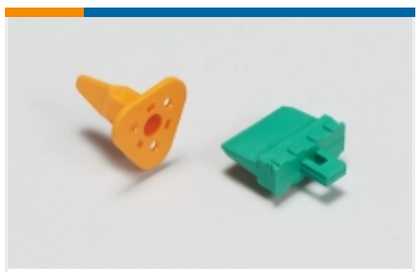


TE Part # 2-962843-2
TAB 2.8x0.8 CONTACT CF SRC Ag

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (23)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(329)



Automotive Terminals(129)



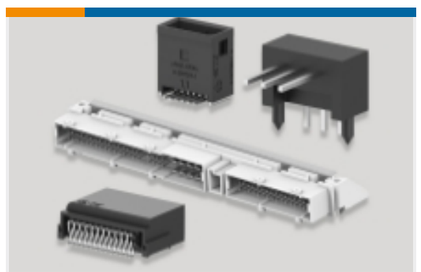
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)

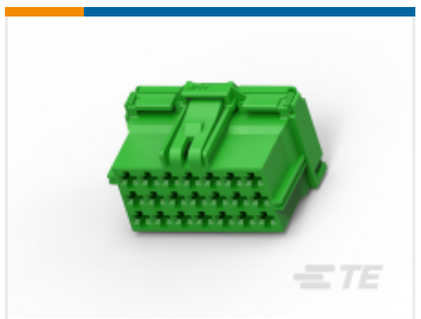


Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part # 1-1718484-1
AMP MCP Unsealed Connector Housings



TE Part # 1-968968-3
2,5MM BU-GEH ASSY2P



TE Part # 1-964330-1
SPT A REC 6.3 Contact SWS Sn



TE Part # 1-1718492-4
1.5MM TAB HSG 36 POS ASSY



TE Part # 1-1718492-3
1.5MM TAB HSG 36 POS ASSY



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



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

Documents

Product Drawings

1.5/2.8MMTAB HSG 25POS ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1718491-1_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718491-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1718491-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

German