1-1718491-1 ✔ ACTIVE

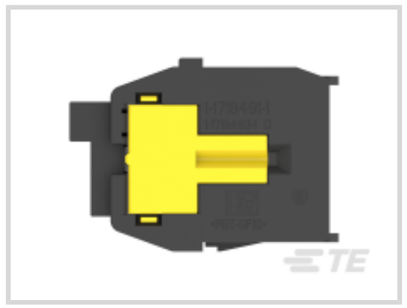
AMP | AMP MCP Connector System

TE Internal #: 1-1718491-1

Housing for Male Terminals, Wire-to-Wire, 25 Position, 4 mm / 5 mm [.157 in / .197 in] Centerline, Black, Wire & Cable, AMP MCP Connector System

View on TE.com >

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




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

Number of Positions: **25**

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

Centerline (Pitch): **4 mm, 5 mm [.157 in, .197 in]**

Sealable: **No**

All AMP Unsealed Connector Housing (176)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
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	On the Terminal

Configuration Features

Number of Positions	25
Number of Rows	1, 2

Electrical Characteristics

Operating Voltage	36 VDC

Body Features

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

Contact Features

Contact Size	1.6mm, 2.8mm
Contact Type	Tab
Mating Tab Width	1.6 mm, 2.8 mm[.063 in][.11 in]
Contact Current Rating (Max)	10 A, 30 A

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	PBT GF10
Centerline (Pitch)	4 mm, 5 mm[.157 in][.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)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

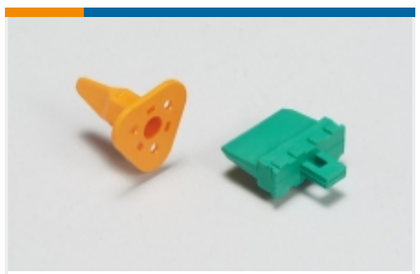


TE Part # 2-962843-2
TAB 2.8x0.8 CONTACT CF SRC Ag

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(4)



Automotive Housings(260)



Automotive Terminals(11)



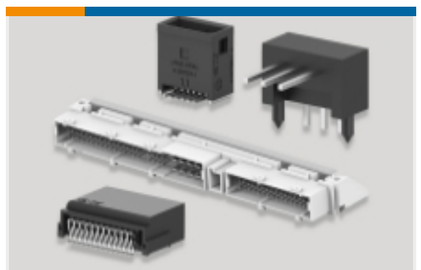
Connector Seals & Cavity Plugs(5)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)

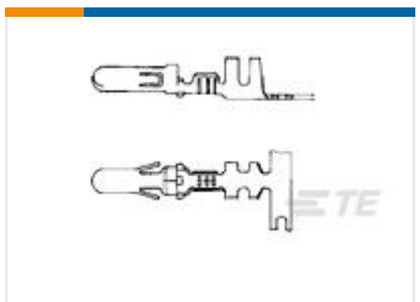


PCB Headers & Receptacles(28)

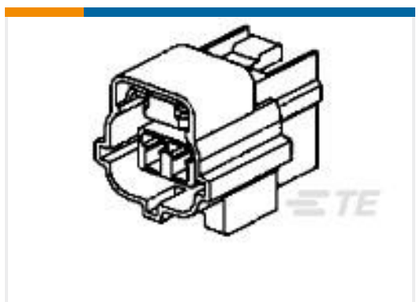
Customers Also Bought



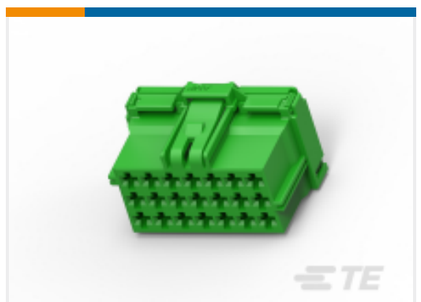
TE Part #HDP26-18-20SE-L017
PLG, 20P, BLK, E, RNG, 16/20, S



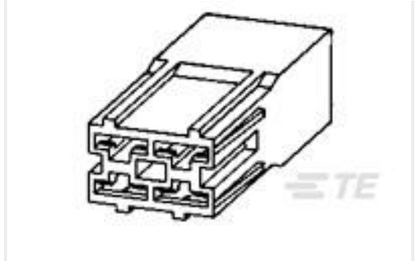
TE Part #925713-2
.140 DIA PIN



TE Part #881775-1
KIT ECONOSEAL J O P



TE Part #1-1718484-1
AMP Unsealed Connector Housing



TE Part #280073
FF 375 REC HSG 4P NYLON NAT



TE Part #928542-1
2 KONTAKTSICHERUNG



TE Part #282956-1
SPLASH PROOF FEM CONN ASSY



TE Part #1-926522-2
PL 250 REC HSG 2P NYLON NAT



TE Part #4-880492-2
FUSE CONTACT - BUS

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 Conditions** of use.

Product Specifications

Application Specification

German

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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