1-1718492-2 ✔ ACTIVE

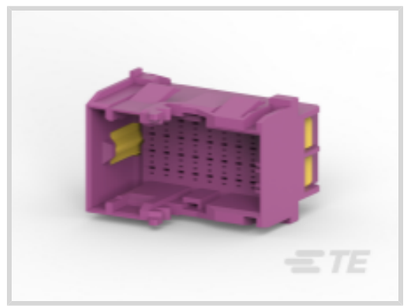
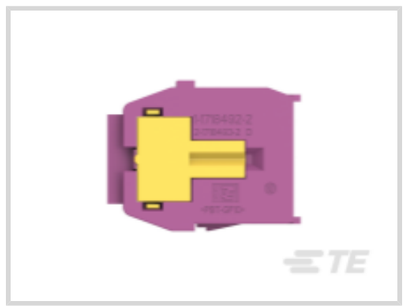
AMP | AMP MCP 1.5K, AMP MCP Connector System

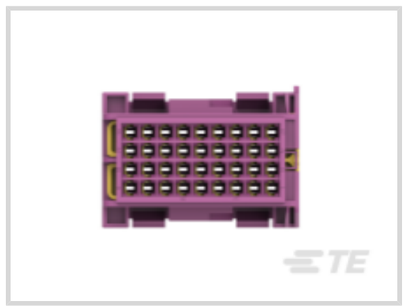
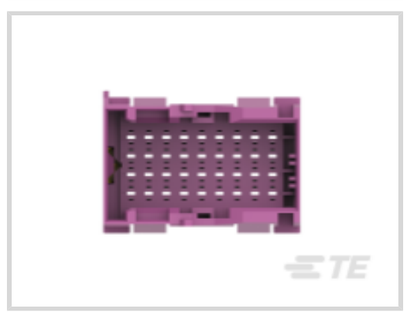
TE Internal #: 1-1718492-2

Housing for Male Terminals, Wire-to-Wire, 36 Position, .157 in [4 mm] Centerline, Purple, Panel Mount, -40 - 248 °F [-40 - 120 °C], Key B, Hybrid

View on TE.com >

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

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

Number of Positions: **36**

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

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

Sealable: **No**

All AMP MCP Unsealed Connector Housings (193)

Features

Product Type Features

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

Configuration Features

Number of Positions	36
Number of Rows	4

Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Purple
Connector & Keying Code	B

Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.5 mm[.063 in]

Mechanical Attachment

Terminal Position Assurance	Yes
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[.157 in]

Dimensions

Connector Height	32.05 mm[1.262 in]
Product Width	40.35 mm[1.588 in]
Product Length	44.6 mm[1.756 in]
Row-to-Row Spacing	6 mm[.236 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	330
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 # 1-1718485-2
CARRIER FOR RECEPT. INSERTS 36 POS

Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers (1)



Automotive Housings(94)



Automotive Terminals(3)

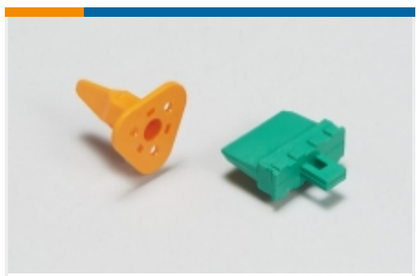


Insertion & Extraction Tools(1)

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)



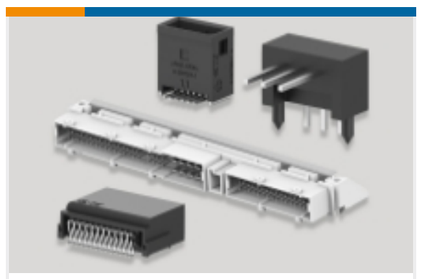
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)

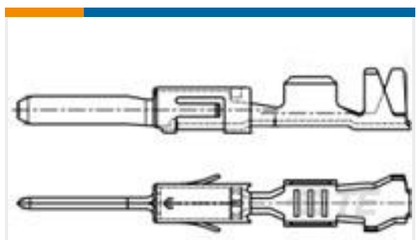


PCB Headers & Receptacles(28)

Customers Also Bought



TE Part # 2318967-1
24POS,AMP MCP 2.8,REC HSG ASSY, SLD



TE Part # 963900-1
TAB A 1.6x0.6 CONTACT CS SRC Sn



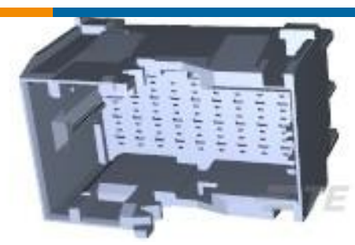
TE Part # 1-1718491-3
1.5/2.8MM TAB HSG 25 POS ASSY



TE Part # 444510-1
HSG 10P COMBINED



TE Part # 1355929-2
BU-GEH 18P



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



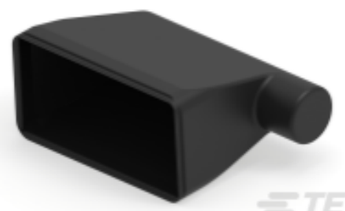
TE Part # 2063575-1
SDE MCON1.2 14-18AWG ASSY



TE Part # 456405-3
CRIMPER WIRE .080 F



TE Part # 708412-2
XCT 25-8 EQ



TE Part # DRB102-BT-90DEG
BOOT, 102P, PLG/REC, RA, BLK

Documents

Product Drawings

1.5MM TAB HSG 36 POS ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1718492-2_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718492-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1718492-2_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