1897726-2 ✔ ACTIVE

AMP MCP | AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1897726-2

12 V, 10 Position, Automotive Housing for Female Terminals, Wire-to-Panel / Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > 48V Ready 1.5mm Sealed Connectors







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **10**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

All 48V Ready 1.5mm Sealed Connectors (19)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Panel, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

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

Contact Features

Contact Size	1.5K
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.06 in]
Contact Current Rating (Max)	10 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
Product Width	33.2 mm[1.3 in]
Product Length	30.8 mm[1.21 in]
Connector Height	23.3 mm[.917 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	150
Packaging Method	Bag

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (.47% in 20472001287) Octamethylcyclotetrasiloxane (D4) (.23% in 20472001287) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 1241380-1
AMP MCP 1.5K, CONTACT, SWS



TE Part # 1-1897725-3
MT-2 SLD 10 CAP HSG GRY



TE Part # 2219417-2
MT-2 SLD 10 PLUG COVER HSG

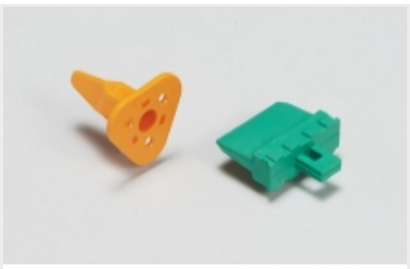


TE Part # 1897725-2
MCP 1.5 SLD 10P CAP HSG

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (4)



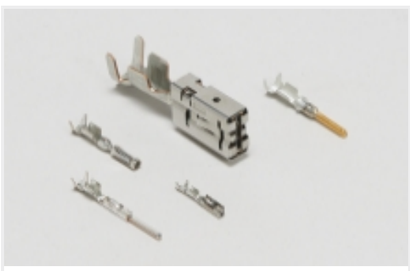
Automotive Connector Locks & Position Assurance(1)



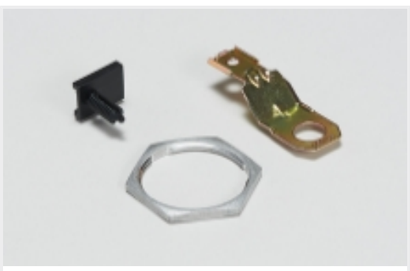
Automotive Housings(59)



Automotive Signal & Power Headers(8)



Automotive Terminals(22)

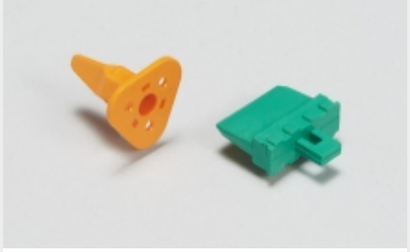


Other Automotive Connector Accessories(4)

Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers (4)



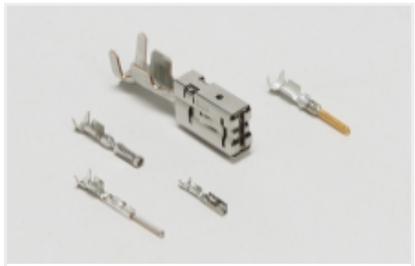
Automotive Connector Locks & Position Assurance(1)



Automotive Housings(59)



Automotive Signal & Power Connector Housings(42)



Automotive Terminals(22)

Customers Also Bought



TE Part #936184-1
BULB CONN 2P PLUG ASSY IVORY



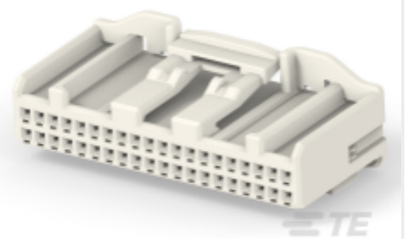
TE Part #1241418-4
AMP MCP 6.3/4.8K, CONTACT, SWS



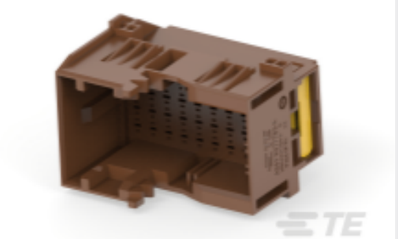
TE Part #2-1813099-1
2.5mm SOCKET HSG ASSEMBLY (GREY 4POS)



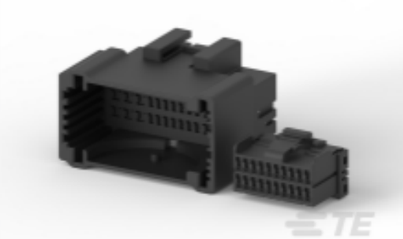
TE Part #5-1813099-2
2.5mm SOCKET HSG ASSEMBLY (BLACK 3 POS)



TE Part #2325415-1
40POS,ML .025,REC HSG ASSY,UNSLD



TE Part #2377783-1
36POS,AMP MCP 1.5K,TAB HSG ASSY, UNSLD



TE Part #CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part #2435001-1
AMP SUPERSEAL 1.5 SERIES 4P CA, CONN KIT

TE Part #2438803-2
JPT,TERMINAL,SWS,REC 2.8 SN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1897726-2_A_c-1897726-2-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1897726-2_A_c-1897726-2-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1897726-2_A_c-1897726-2-a.3d_stp.zip

English

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Product Specifications

Product Specification

English