

1897213-2 ✓ ACTIVE

AMP MCP 6.3/4.8K, AMP MCP Connector System

TE Internal #: 1897213-2

Housing for Female Terminals, Wire-to-Wire, 2 Position, .177 in [4.5 mm] Centerline, Black, Power, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > AMP MCP, UNSEALED CONNECTOR HOUSING



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

Mating Tab Width: **6.3 mm [.248 in]**

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

Number of Positions: **2**

Centerline (Pitch): **4.5 mm [.177 in]**

[All AMP MCP, UNSEALED CONNECTOR HOUSING \(187\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

Contact Features

Contact Size	6.3mm
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Contact Type	Receptacle
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Mating Tab Width	6.3 mm[.248 in]
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Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarization Rib
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	4.5 mm[.177 in]
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Dimensions

Product Width	24.5 mm[.965 in]
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Product Length	25.2 mm[.992 in]
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Product Height	50.3 mm[1.984 in]
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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]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	150
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Packaging Method	Bag
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Other

Connector Position Assurance Capable	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 1897214-1
MCP 6.3 2P PLUG ASSY

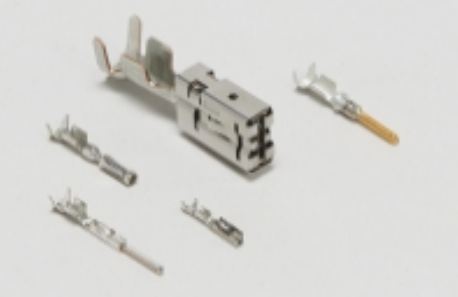
Also in the Series | AMP MCP 6.3/4.8K



Automotive Housings(12)



Automotive Seals & Cavity Plugs(2)

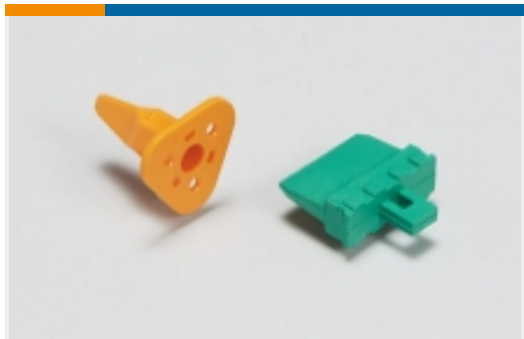


Automotive Terminals(5)

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(7)



Automotive Housings(352)



Automotive Seals & Cavity Plugs(6)



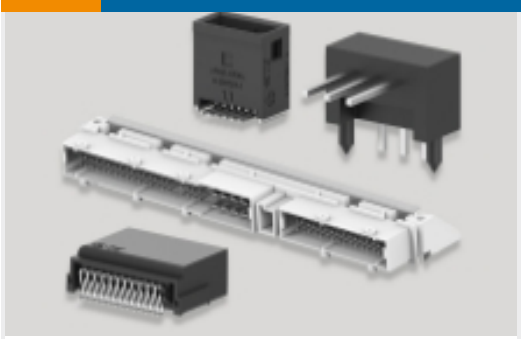
Automotive Terminals(125)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(29)

Customers Also Bought



TE Part #1743632-2
HYB SLD 36P PLUG ASSY



TE Part #170891-2
250 FASTON HSG., FLAG, REC., NATRUAL



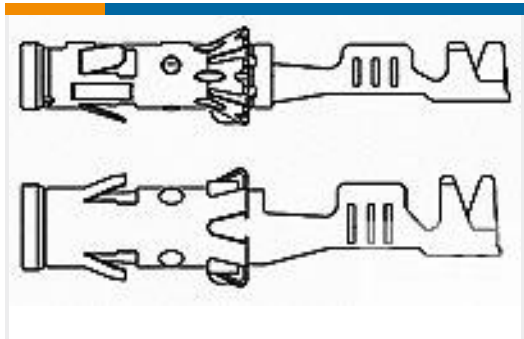
TE Part #828922-2
CAVITY PLUG 2,5MM S



TE Part #965786-1
ABDECKKAPPE 180GRD



TE Part #1241412-1
AMP MCP 6.3/4.8K, CONTACT, SWS



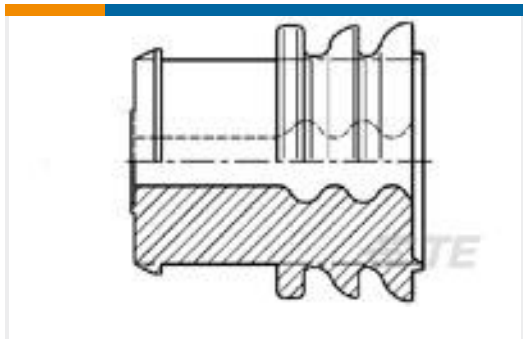
TE Part #929989-1
1,5MM SOCK CONTACT



TE Part #5-965906-1
MQS0,63 Sn rec LL EDS 0,5-0,75



TE Part #172765-1
PL 250 FLAG REC 14-12 0.40 X 49.2 PTBR



TE Part #963245-1
EINZELLEIT-DICHTUNG



TE Part #2-2106124-3
CONTACT, SEALED LIGHTING CONN, 22-24 AWG

Documents



Product Drawings

MCP 6.3 2P CAP HSG

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1897213-2_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1897213-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1897213-2_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English