2388171-2 ✔ ACTIVE

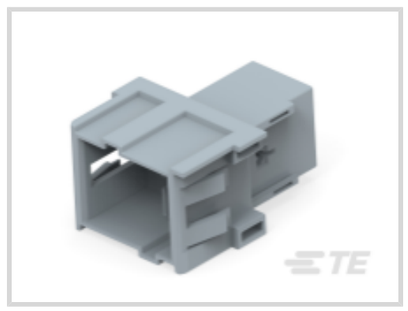
AMP | AMP MCP Hybrids

TE Internal #: 2388171-2

12 V / 24 V, 4 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 8 mm [.315 in] Centerline, Gray, Wire & Cable, Power, AMP MCP Hybrids

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V, 24 V**

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

Number of Positions: **4**

Sealable: **No**

Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

Features

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Gray

Connector & Keying Code	B

Contact Features

Contact Size	6.3K
Contact Type	Tab
Mating Tab Width	5.8 mm[.228 in]

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA
Centerline (Pitch)	8 mm[.315 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94HB

Other

Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

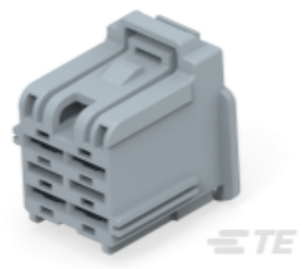
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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

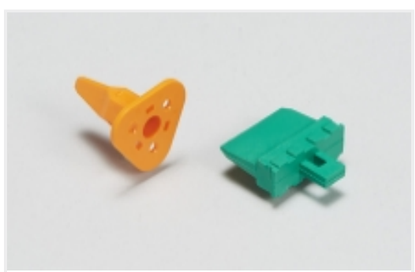


TE Part # 2388170-2
4POS,AMP MCP 6.3/4.8K,REC HSG, UNSLD



TE Part # 2388168-1
TPA REC HSG,4POS,AMP MCP 6.3/4.8K

Also in the Series | AMP MCP Hybrids



Automotive Connector Locks & Position Assurance(1)

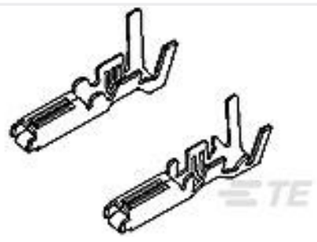


Automotive Housings(47)



Automotive Signal & Power Connector Housings(4)

Customers Also Bought



TE Part #173708-1
070 MULTILOCK REC CONT



TE Part #2324808-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2356631-1
4POS,MCON 1.2,TAB HSG ASSY,SLD, COD A



TE Part #2379923-1
TPA REC HSG,21POS,AMP MCP 2.8



TE Part #1-2392850-1
21POS,AMP MCP 2.8,REC HSG, UNSLD,COD A



TE Part #2394113-1
H&S 35mm, Cable cover



TE Part #CAT-AQ4-PHA1400
PowerTube HVP-HD 1400 Accessories and Plug Components

TE Part #2445796-1
CABLE COVER,70MM2,CBT1400

Documents

Product Drawings

4POS,AMP MCP 6.3/4.8K,TAB HSG,UNSLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2388171-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2388171-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2388171-2_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English