

1241581-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241581-1

Housing for Female Terminals, Wire-to-Wire, 17 Position, .197 in [5 mm] Centerline, Black, Signal, AMP MCP Connector System

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



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **17**

Centerline (Pitch): **5 mm [.197 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
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	17
Number of Rows	3

Body Features

Cable Exit Angle	Other
Body Material	PBT GF
Primary Product Color	Black



Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarization Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Product Length	31.2 mm[1.228 in]
Product Height	26.5 mm[1.043 in]

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]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Carton
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Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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



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)



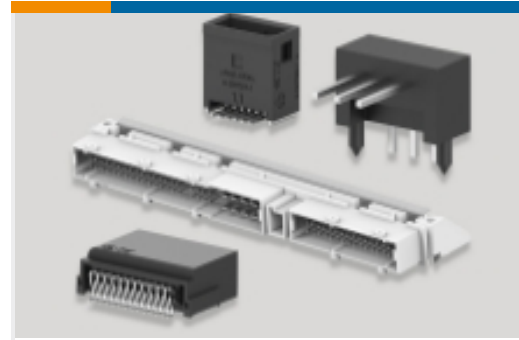
Automotive Terminals(125)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(29)

Customers Also Bought



TE Part #66108-8
III+ SKT,26-24,30AU/FL,STRIP



TE Part #1-967623-1
TIMER, CONNECTOR HOUSING



TE Part #3-968976-9
MCP2.8 BU-GEH 3P



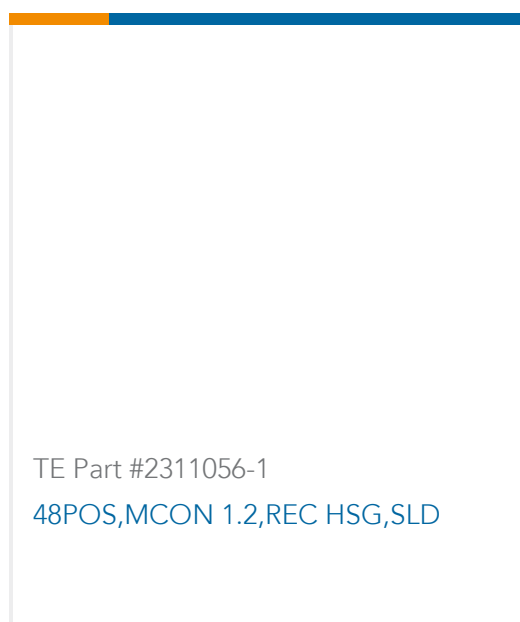
TE Part #1-2203771-1
3POS, MCON 1.2 CB REC 1p TL SEALED



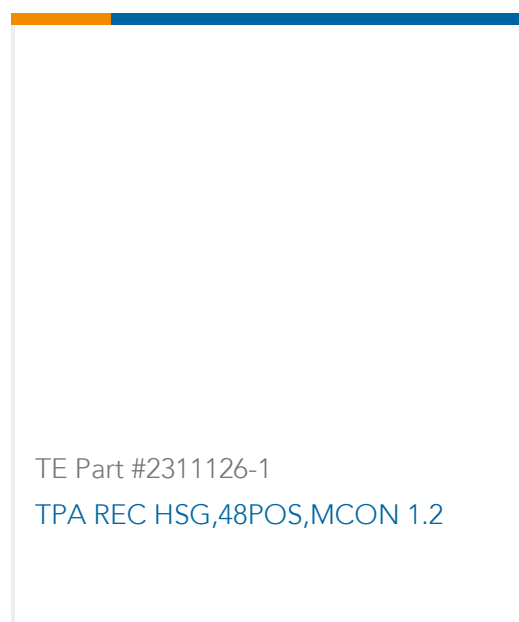
TE Part #1813018-4
MINI FUSE RECEPTACLE



TE Part #1813018-6
MINI FUSE RECEPTACLE



TE Part #2311056-1
48POS,MCON 1.2,REC HSG,SLD



TE Part #2311126-1
TPA REC HSG,48POS,MCON 1.2

Documents

Product Drawings

[JUN-POW-TIM HOUSING 17POS](#)

English

[JUN-POW-TIM HOUSING 17POS](#)

English

CAD Files

[3D PDF](#)



English

Customer View Model

[ENG_CVM_1241581-1_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1241581-1_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1241581-1_A2.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Engineering Specification

English

[INTERFACE DRAWING FOR CONNECTOR 14. and 17POS WITH TAB 2.8x0.8](#)

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English