

1-2112891-1 ✓ ACTIVE

AMP | AMP MCP 1.5K, AMP MCP Connector System

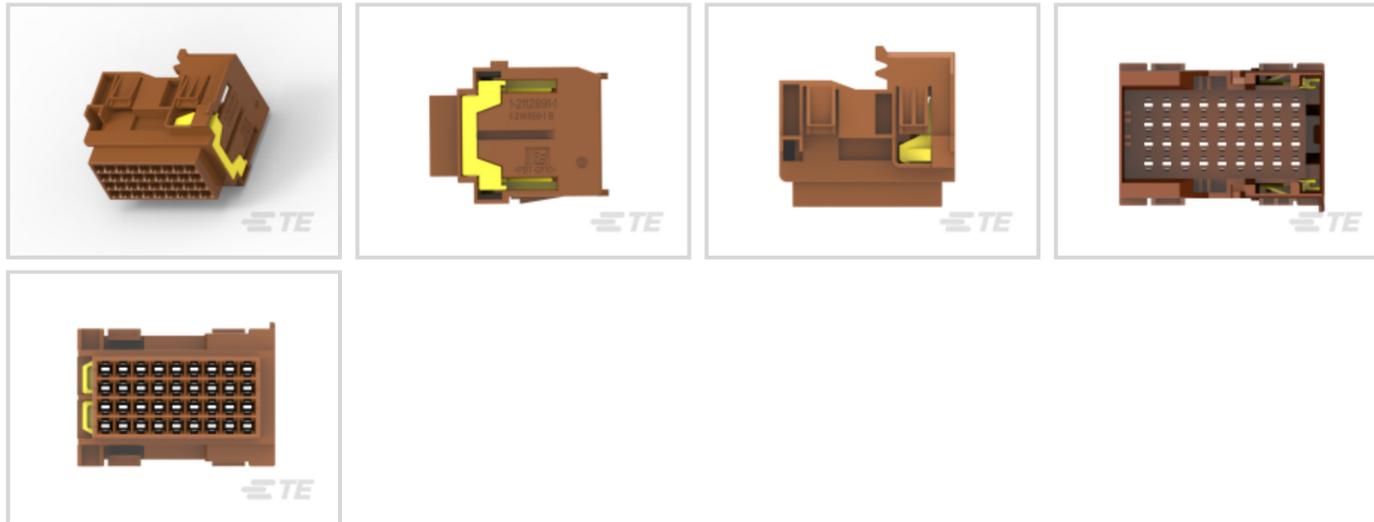
TE Internal #: 1-2112891-1

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

[View on TE.com >](#)



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



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

Mating Tab Width: **1.5 mm [.059 in]**

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

Number of Positions: **36**

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

[All AMP MCP Unsealed Connector Housings \(187\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	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, 24 V



Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Brown
Connector Code	A

Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.5 mm[.059 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Product Width	40.35 mm[1.588 in]
Product Length	44.6 mm[1.756 in]
Product Height	32.05 mm[1.262 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, 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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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 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



Also in the Series | **AMP MCP 1.5K**

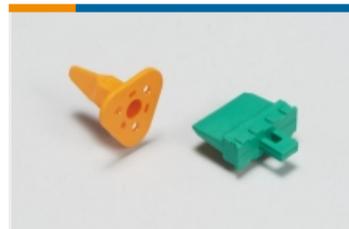
Automotive Connector Caps & Covers
(1)

Automotive Housings(103)



Insertion & Extraction Tools(1)

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)

Documents

Product Drawings

[36POS,TAB 1.5X0.6,TAB HSG,ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2112891-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2112891-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2112891-1_B.3d_stp.zip](#)

English



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[Product Specifications](#)

[Application Specification](#)

German