

953371-4 ✓ ACTIVE

AMP MCP | AMP MCP Connector System

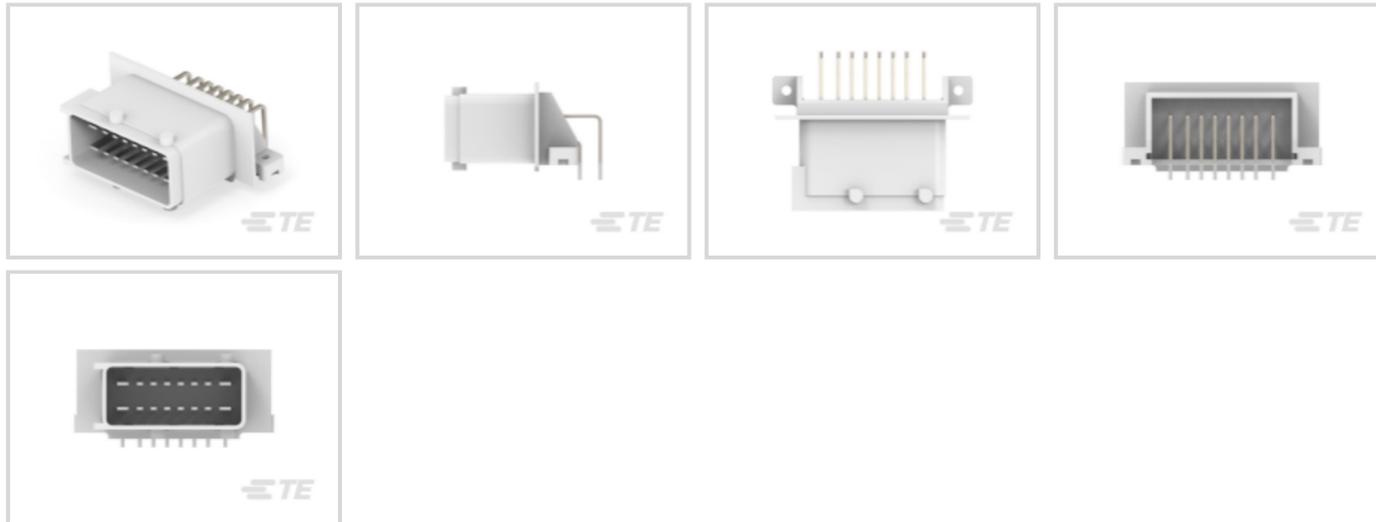
TE Internal #: 953371-4

Horizontal, Wire-to-Board, 16 Position, 2 Rows, 3.3mm [.131in]
Centerline, Tin (Sn), Printed Circuit Board, Power & Signal, AMP
MCP Connector System

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Headers > Low & Medium Power Header



PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **3.3 mm [.131 in]**

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

[All Low & Medium Power Header \(64\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Mixed & Hybrid Header	Yes
Header Type	Fully Shrouded
Connector Shape	Rectangular
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	12
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	16
Number of Rows	2



Electrical Characteristics

Operating Voltage	13.5 VDC
Nominal Voltage Architecture	12 V

Body Features

Connector & Keying Code	4
Primary Product Color	White

Contact Features

Mating Tab Width	1.5 mm, 2.8 mm [.06 in][.11 in]
Mating Tab Thickness	.8 mm [.031 in]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Interface
PCB Mount Retention	Without
Mounting Holes	Without
Mating Alignment	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.3 mm [.131 in]
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Dimensions

Connector Width	32.5 mm [1.28 in]
PCB Thickness (Recommended)	1.6 mm [.063 in]
Profile Height from PCB	20 mm [.787 in]
Connector Length	48.9 mm [1.925 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C [149 °F][158 °F][167 °F][176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]



Operation/Application

Solder Process	Wave Solder Capable
Shielded	No
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Tray
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Other

Interface Number	208-15516
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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: JAN 2025 (247) Candidate List Declared Against: JUL 2017 (174) 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	Wave solder capable to 240°C

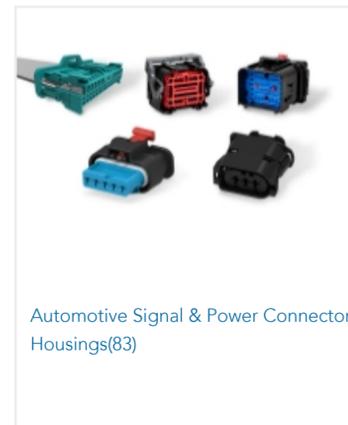
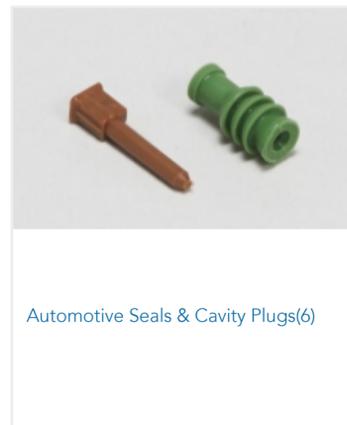
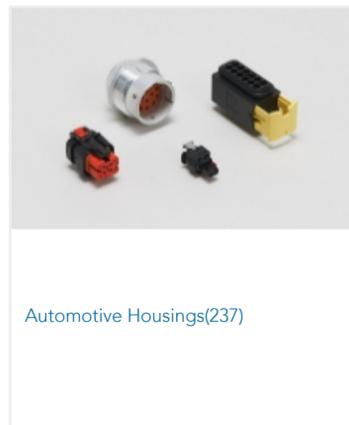
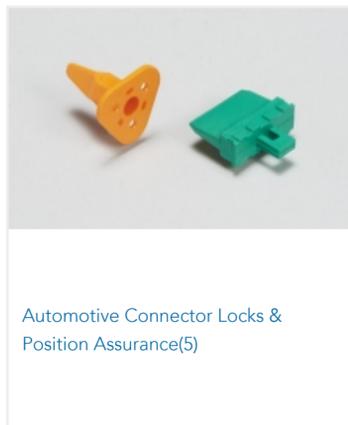
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

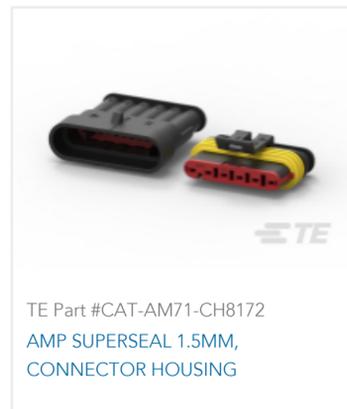
Compatible Parts



Also in the Series | AMP MCP Connector System



Customers Also Bought



Documents

Product Drawings

16W MCP H RIGHT ANGLE HDR

English

CAD Files



3D PDF

English

Customer View Model

[ENG_CVM_953371-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_953371-4_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_953371-4_D.2d_dxf.zip](#)

English

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

Product Specifications

16 WAY-MCP RIGHT ANGLE HYBRID HEADER TO SOLDER ON THE PCB

English

Product Specification

English

EMBASES 16 VOIES HYBRIDE AMP MCP SORTIE COUDEE 90DEGRES A SOUDER SUR CARTE IMPRIMEE

English

Product Specification

English

16-WEGE-AMP/MCP-HYBRIDSOCKEL MIT 90 DEGRES KRUMMERAUSGANGEN AUF DIE KARTE AUFZULOTEN

English

Product Specification

English