953371-1 ✔ ACTIVE

AMP MCP | AMP MCP Connector System

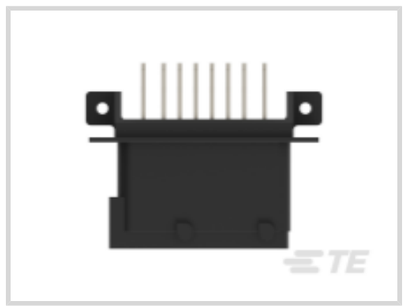
TE Internal #: 953371-1

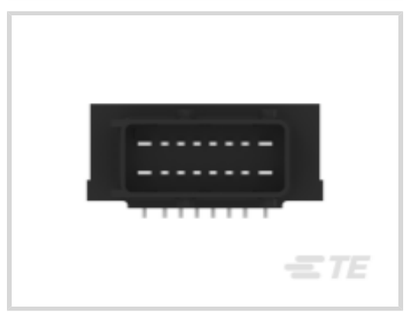
Horizontal, Wire-to-Board, 16 Position, 2 Rows, 3.3mm [.131in] Centerline, Tin (Sn), Printed Circuit Board, Power & Signal, AMP MCP Connector System

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

Nominal Voltage Architecture	12 V

Body Features

Connector & Keying Code	1
Primary Product Color	Black

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

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]

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)	85 °C[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

Other

Interface Number	208-15516

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 2025 (250) Candidate List Declared Against: JUN 2016 (169) 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 # 953372-1
16W MCP HYB HSG BLACK

TE Part # 953373-1
MCP TAB 2.8X.8 PLAIN

TE Part # 953373-2
MCP TAB 2.8X.8 PLAIN

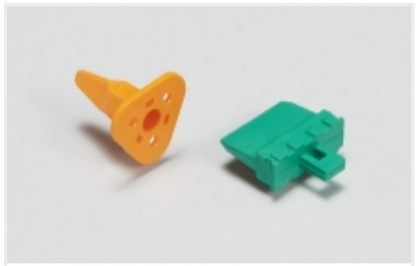
TE Part # 953374-1
MCP TAB 1.5X.8 PLAIN

TE Part # 953374-2
MCP TAB 1.5X.8 PLAIN



TE Part # 185760-1
16W HYBRID RCPT HSG BLACK

Also in the Series | AMP MCP Connector System



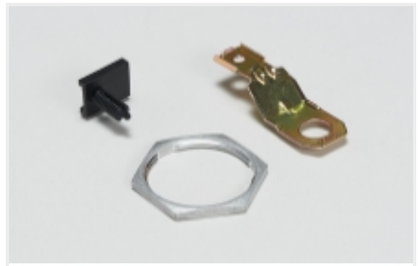
Automotive Connector Locks & Position Assurance(5)



Automotive Housings(237)



Automotive Seals & Cavity Plugs(6)



Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #9-1393239-5
RT314012



TE Part #1609133-3
6ESRM-3=F6920

Documents

Product Drawings

16W MCP H RIGHT ANGLE HDR

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_953371-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_953371-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_953371-1_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