

1534180-1 ✓ ACTIVE

AMP | AMP MCP Connector System, AMP MCP Hybrids

TE Internal #: 1534180-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 32

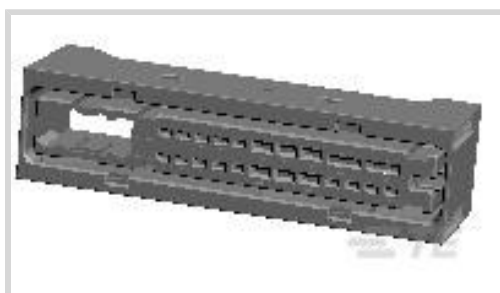
Position, .33 in / .216 in / .165 in [8.5 mm / 4.2 mm / 5.5 mm]

Centerline, Hybrid

[View on TE.com >](#)



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



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

Number of Positions: **32**

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

Centerline (Pitch): **4.2 mm, 5.5 mm, 8.5 mm [.165 in, .216 in, .33 in]**

Sealable: **No**

[All AMP MCP Unsealed Connector Housings \(176\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	32
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A



Contact Features

Contact Size	1.5mm, 2.8mm, 4.8mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm, 4.8 mm [.06 in][.11 in][.188 in]
Contact Current Rating (Max)	20 A, 25 A, 35 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4.2 mm, 5.5 mm, 8.5 mm [.165 in][.216 in][.33 in]

Dimensions

Connector Height	25 mm [.984 in]
Product Width	29 mm [1.142 in]

Usage Conditions

Operating Temperature (Max)	130 °C [266 °F]
Operating Temperature Range	-40 - 130 °C [-40 - 266 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	200
Packaging Method	Carton

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



TE Part # 1534579-1
16POS MQS REC COD A



TE Part # 1534046-1
TAB HEADER ASSY 32POS



TE Part # CAT-SIGH262
Signal Header



TE Part # 1534181-1
MCP1,5 REC HSG10P




TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part # 1534184-1
MCP COVER ASSY32P



TE Part # 2141411-1
COVER,32POSN., REC HSG,ASSY

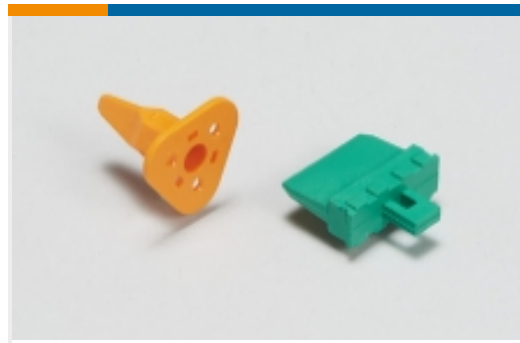


TE Part # 1534050-1
MCP CARRIER HSG32P

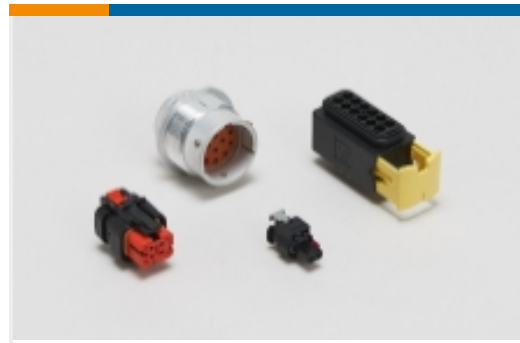
Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance (4)



Automotive Housings (291)



Automotive Terminals (110)



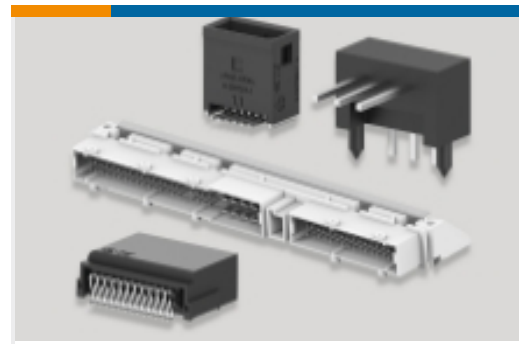
Connector Seals & Cavity Plugs (6)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (28)

Also in the Series | AMP MCP Hybrids



Automotive Connector Caps & Covers (4)



Automotive Housings (50)

Customers Also Bought



TE Part # 1534112-1
MOS RETAINER FOR 2POS REC.HSG



TE Part # 6-2176092-8
RP 2A 0.25W 3K83 0.1% 25PPM 1K RL



TE Part # 1879337-6
CPF 0603 2K8 1% 50PPM 1K RL



TE Part # 1241374-2
AMP MCP, RECEPTACLE AND TAB



Documents

Product Drawings

MCP REC HSG ASSY32P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1534180-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1534180-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1534180-1_E.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English