

1534180-1 ✓ ACTIVE

AMP | AMP MCP Connector System, AMP MCP Hybrids

TE Internal #: 1534180-1

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

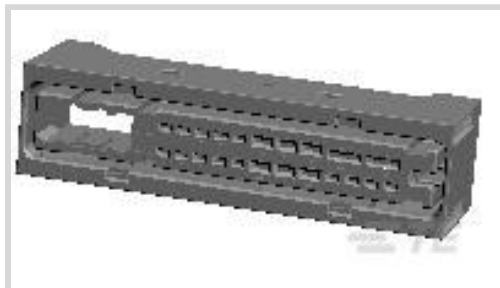
Position, .216 in / .165 in / .33 in [4.2 mm / 5.5 mm / 8.5 mm]

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 \(197\)](#)

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 |
|---------------------|-------|

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

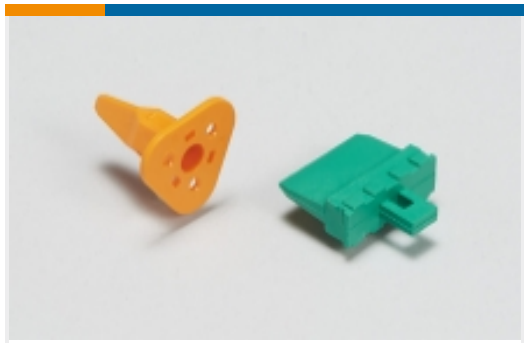


TE Part # 1534050-1
MCP CARRIER HSG32P

Also in the Series | AMP MCP Connector System



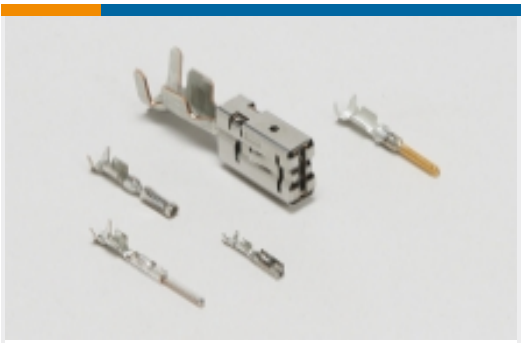
Automotive Connector Caps & Covers (25)



Automotive Connector Locks & Position Assurance (7)



Automotive Housings (360)



Automotive Terminals (135)



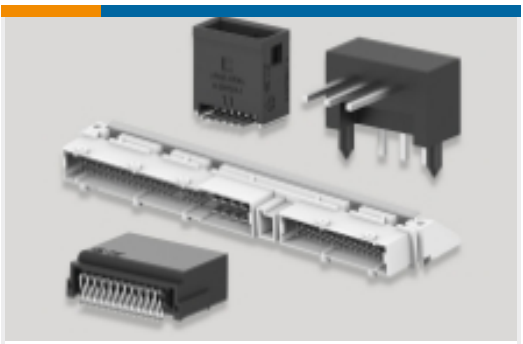
Connector Seals & Cavity Plugs (7)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (30)

Also in the Series | **AMP MCP Hybrids**



Automotive Connector Caps & Covers (6)



Automotive Housings (49)

Customers Also Bought



TE Part #2-1630012-6
HSC150 3R3 5%



TE Part #1-1879071-8
THS50 3R3 5%



TE Part #1534181-1
MCP1,5 REC HSG10P



TE Part #2137489-1
MQS, CONNECTOR HOUSING



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