1534180-1 ✔ ACTIVE

AMP | AMP MCP Connector System, AMP MCP Hybrids

TE Internal #: 1534180-1

22 Position Housing, Housing for Female Terminals, Wire-to-Board, 4.2 mm / 5.5 mm / 8.5 mm [.165 in / .216 in / .334 in] Centerline, Black, Hybrid

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Connectors > Automotive Connectors > Automotive Housings







Number of Positions: **22**

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

Mating Tab Width: **4.8 mm, 2.8 mm, 1.5 mm [.188 in, .06 in, .11 in]**

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

Centerline (Pitch): **8.5 mm, 4.2 mm, 5.5 mm [.216 in, .165 in, .334 in]**

Features

Dimensions

Row-to-Row Spacing	5.5 mm[.216 in]
Product Width	29 mm[1.141 in]
Product Length	96 mm[3.779 in]
Connector Height	25 mm[.984 in]

Packaging Features

Packaging Quantity	200
Packaging Method	Carton

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Other

Serviceable	No
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	8.5 mm, 4.2 mm, 5.5 mm[.216 in][.165 in][.334 in]

Contact Features

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

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	22
Number of Rows	2

Operation/Application

Circuit Application	Power

Product Compliance

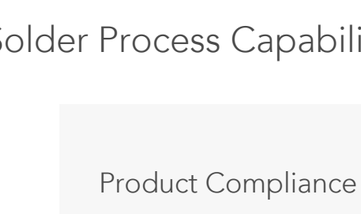
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

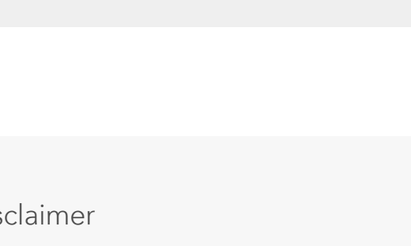
Product Compliance Disclaimer

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

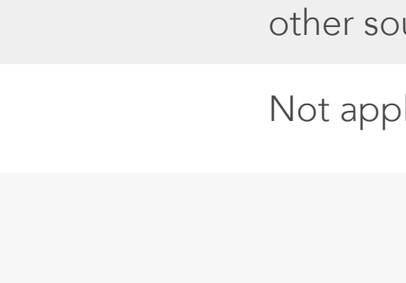
Compatible Parts



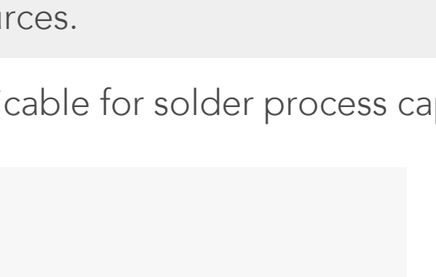
TE Part # CAT-SIGH262
Signal Header



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



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



TE Part # 1534184-1
MCP COVER ASSY32P

TE Part # 1534050-1
MCP CARRIER HSG32P



TE Part # 1534181-1
MCP1,5 REC HSG10P



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

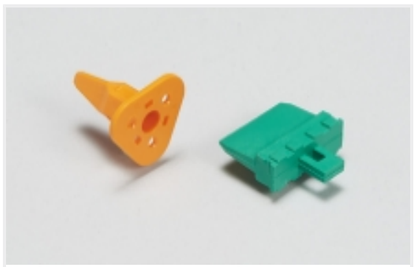


TE Part # 1534046-1
TAB HEADER ASSY 32POS

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (4)



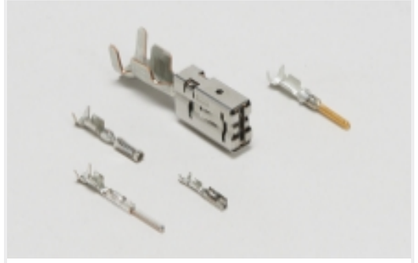
Automotive Connector Locks & Position Assurance(4)



Automotive Headers(31)



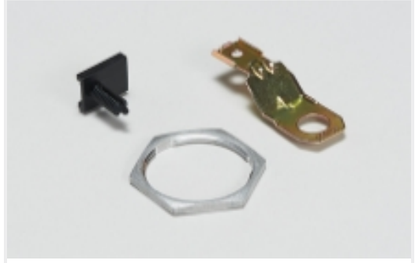
Automotive Housings(49)



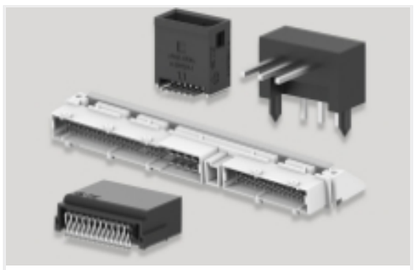
Automotive Terminals(7)



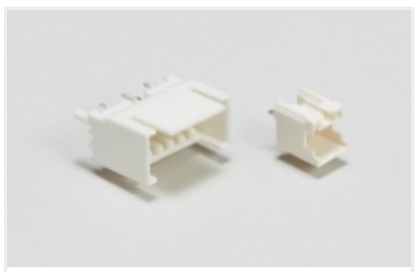
Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(31)



Wire-to-Board Headers & Receptacles (30)

Also in the Series | AMP MCP Hybrids



Automotive Connector Caps & Covers (4)



Automotive Housings(49)

Customers Also Bought



TE Part #2138558-1
2P GENERATION Y Cap, Single-Pi



TE Part #2203937-1
52 pos plug assy, 0.64 and 2.8



TE Part #1534184-2
MCP COVER ASSY32P



TE Part #1241388-2
AMP MCP 2.8K, CONTACT



TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



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



TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK



TE Part #1801764-1
FUSES AND RELAYS HOLDER, 36 MINIFUSES V2



TE Part #1801617-1
FUSES AND RELAYS HOLDER 6 MINIFUSES

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