

1-1718628-1 ✓ ACTIVE

AMP | AMP MCP 2.8, AMP MCP Connector System

TE Internal #: 1-1718628-1

Housing for Female Terminals, Wire-to-Wire, 4 Position, .196 in [5 mm] Centerline, Sealable, Black, Wire & Cable, Power, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **4**

Centerline (Pitch): **5 mm [.196 in]**

[All AMP MCP, SEALED CONNECTOR HOUSING \(158\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

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



Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	34 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	PA GF
Centerline (Pitch)	5 mm[.196 in]

Dimensions

Connector Height	16.6 mm[.654 in]
Product Width	31.75 mm[1.25 in]
Product Length	37.8 mm[1.488 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	700
Packaging Method	Loose Piece

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

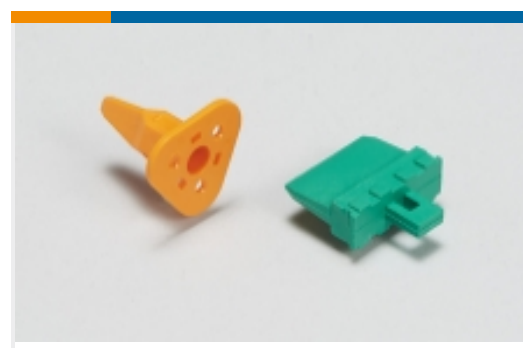
Compatible Parts



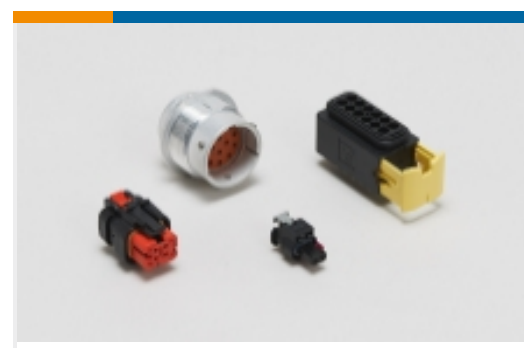
Also in the Series | [AMP MCP 2.8](#)



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(180)



Automotive Seals & Cavity Plugs(1)



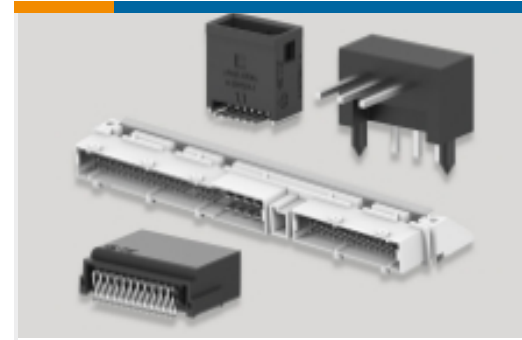
Automotive Terminals(6)



Insertion & Extraction Tools(6)



Module Components(1)

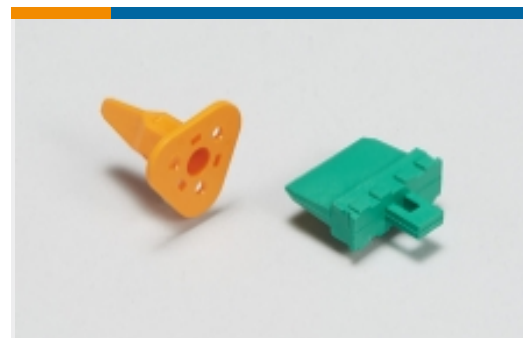


PCB Headers & Receptacles(1)

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(7)



Automotive Housings(352)



Automotive Seals & Cavity Plugs(6)



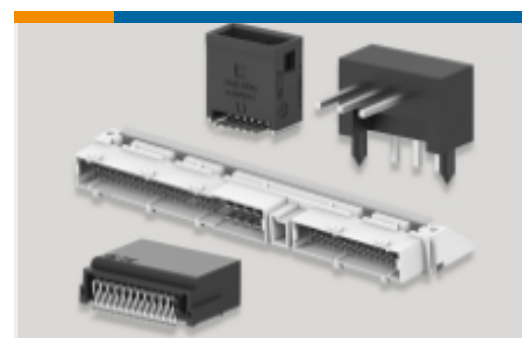
Automotive Terminals(125)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(29)

Customers Also Bought



TE Part #5053304016
RNF-100-1-2-SP



TE Part #HDP24-24-23SE-L015
REC, 23P, BLK, E, THD, 16, S



TE Part #HC5981
SCREW M6 x 20mm HEX HEAD
CAPTIVE BATTER



TE Part #HC5735
50MM2 NEGATIVE BAT LEAD 1/4"
UNC THREAD



TE Part #HC5737
70MM2 NEGBAT LEAD 1/4" UNC
THREAD



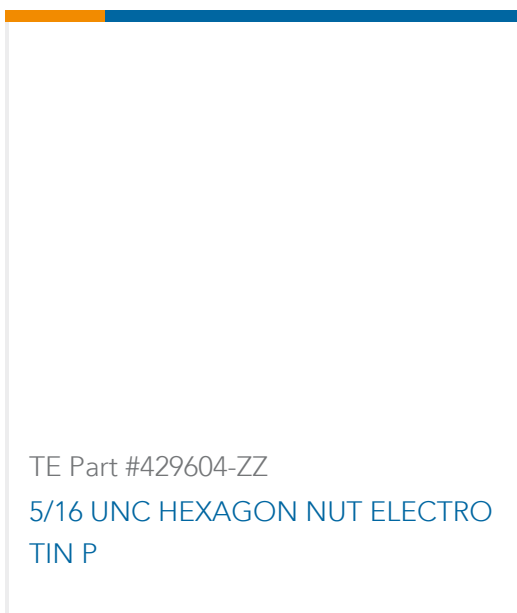
TE Part #HC5841
70MM2 BATTERY CLMP ASSMB
NEGATIVE



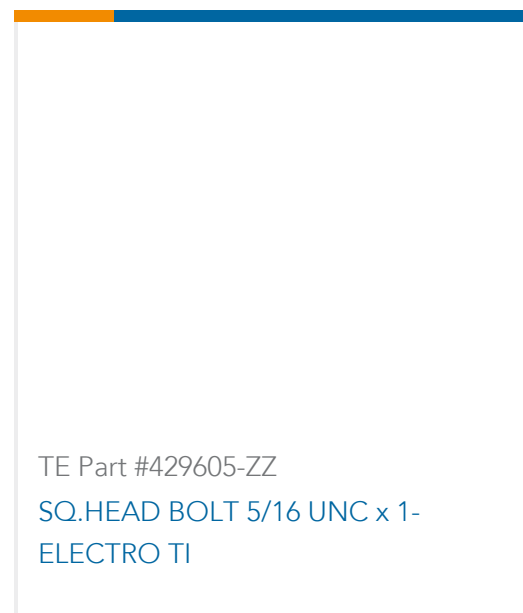
TE Part #YHC593300000000000
BATTERY LEAD CONNECTOR.35MM.-
VE.M6 THRD.



TE Part #HC5936
BATTERY LEAD CONN. 70mm +VE



TE Part #429604-ZZ
5/16 UNC HEXAGON NUT ELECTRO
TIN P



TE Part #429605-ZZ
SQ.HEAD BOLT 5/16 UNC x 1-
ELECTRO TI

Documents

Product Drawings

[AMP MCP 2.8 HSG. 4POS.,ASS'Y](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1718628-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1718628-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1718628-1_A.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English