

1703661-1 ✓ ACTIVE

AMP | AMP MCP 6.3/4.8K, AMP MCP Connector System

TE Internal #: 1703661-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 6 Position, .366 in / .59 in [9.3 mm / 15 mm] Centerline, Sealable, Black, Hybrid

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



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

Mating Tab Width: **2.8 mm, 6.3 mm [.11 in, .248 in]**

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

Number of Positions: **6**

Centerline (Pitch): **9.3 mm, 15 mm [.366 in, .59 in]**

[All AMP MCP Unsealed Connector Housings \(187\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	3

Electrical Characteristics

Operating Voltage	14 VDC
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Nominal Voltage Architecture	12 V, 14 V
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Body Features

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

Contact Features

Contact Size	2.8mm, 6.3mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm, 6.3 mm [.11 in][.248 in]
Contact Current Rating (Max)	34 A, 40 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	9.3 mm, 15 mm [.366 in][.59 in]

Dimensions

Connector Height	32.15 mm [1.266 in]
Product Width	35.4 mm [1.394 in]
Product Length	40.2 mm [1.583 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Other



Serviceable	No
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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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



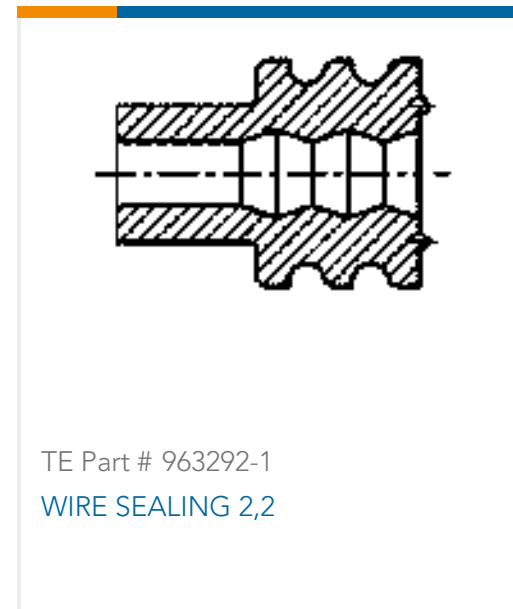
TE Part # 1719043-1
SINGLE WIRE SEAL, GREEN



TE Part # 1394512-1
EINZELLEITDICHTG, BL



TE Part # 963293-1
SEALING F JPT+2,8



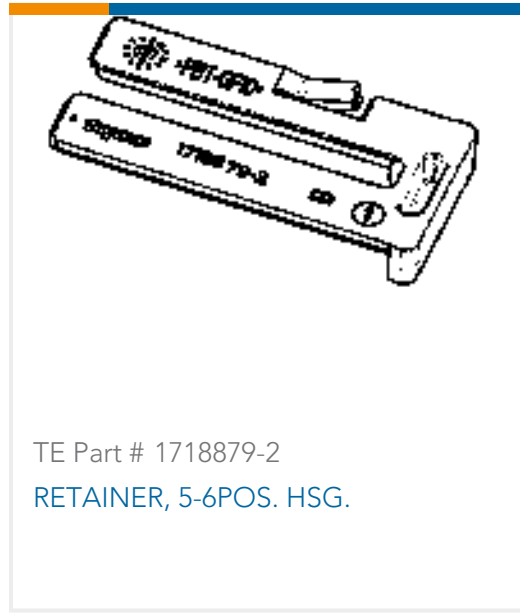
TE Part # 963292-1
WIRE SEALING 2,2



TE Part # 963294-1
SINGLE WIRE SEAL INSULATION DI



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

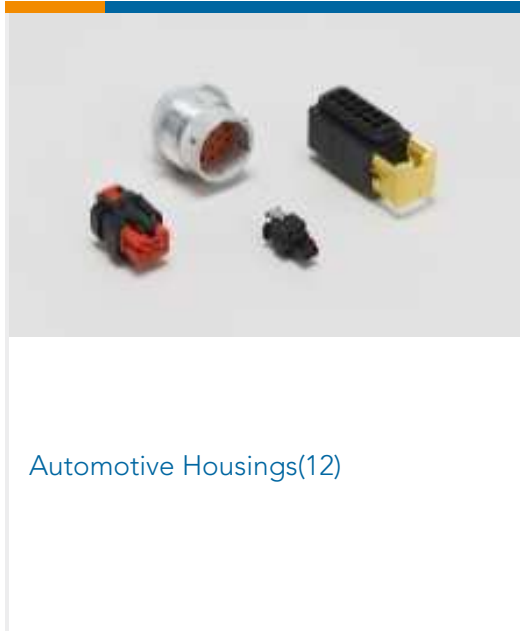


TE Part # 1718879-2
RETAINER, 5-6POS. HSG.

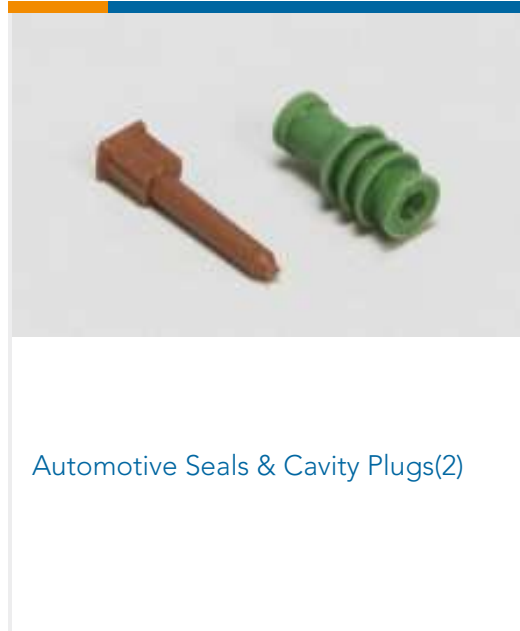


TE Part # 1394511-1
EINZELLEITDICHTG,WS

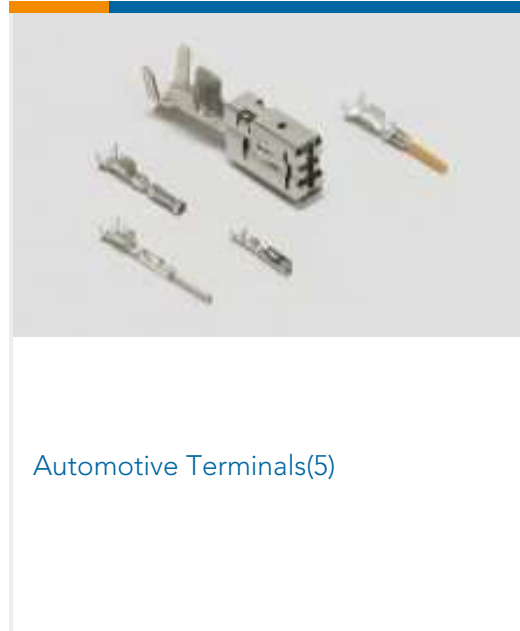
Also in the Series | **AMP MCP 6.3/4.8K**



Automotive Housings(12)

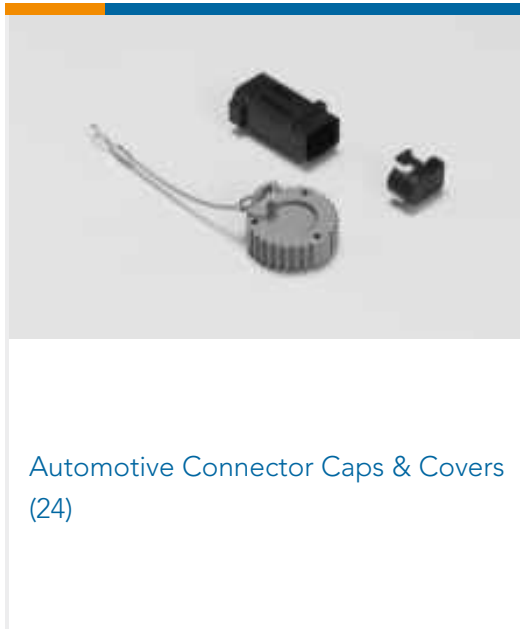


Automotive Seals & Cavity Plugs(2)

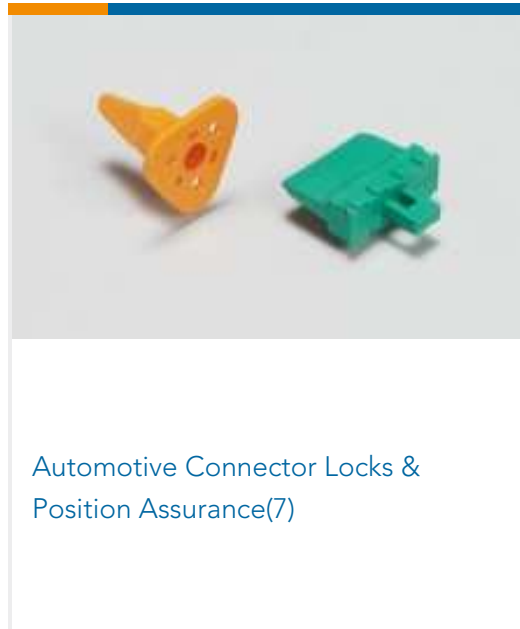


Automotive Terminals(5)

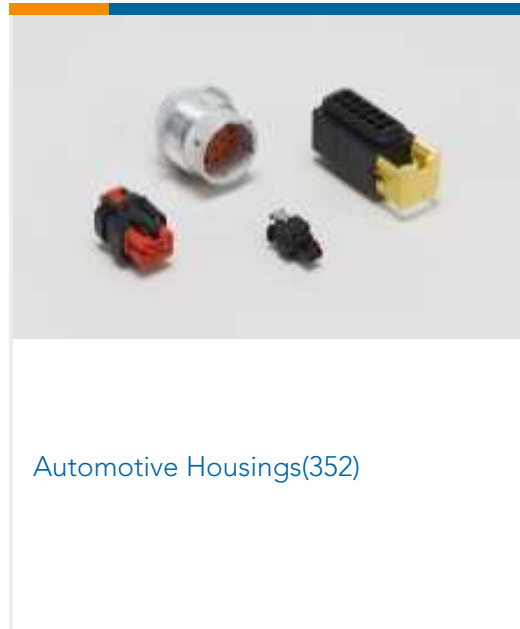
Also in the Series | **AMP MCP Connector System**



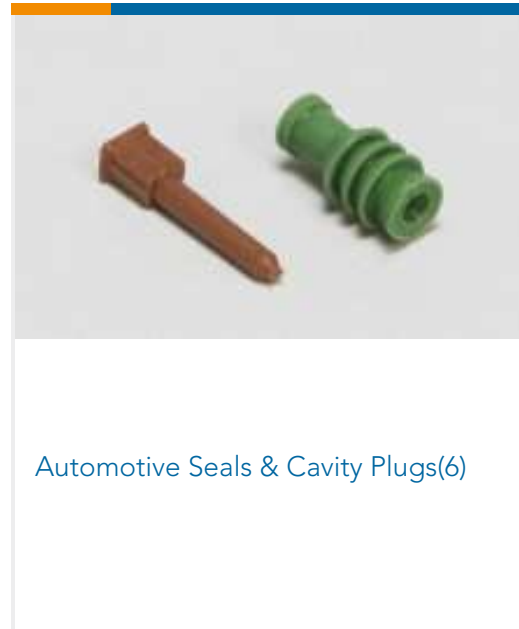
Automotive Connector Caps & Covers
(24)



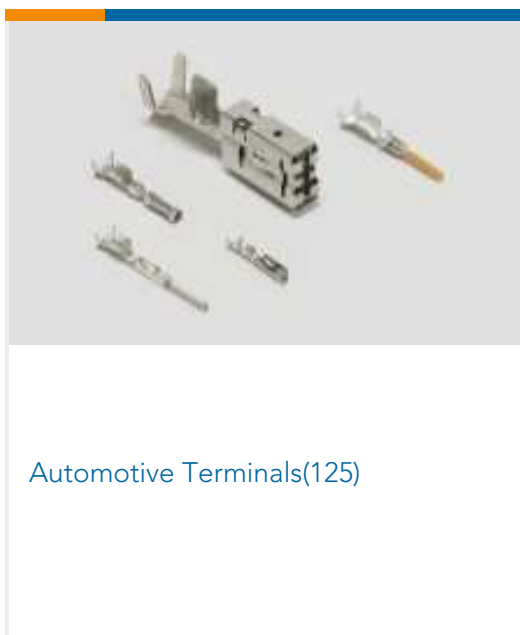
Automotive Connector Locks & Position Assurance(7)



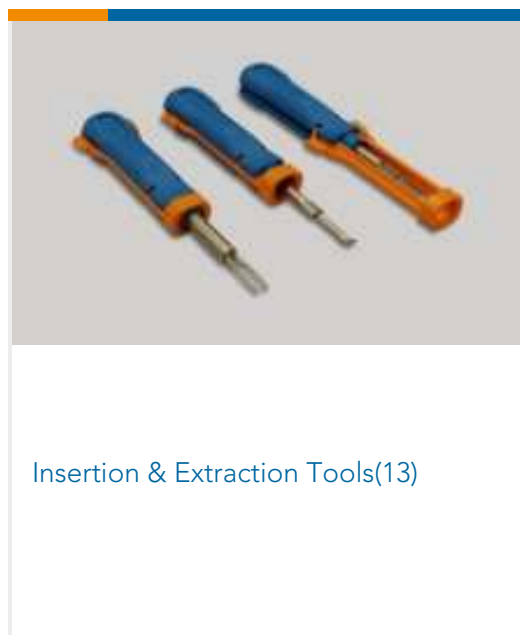
Automotive Housings(352)



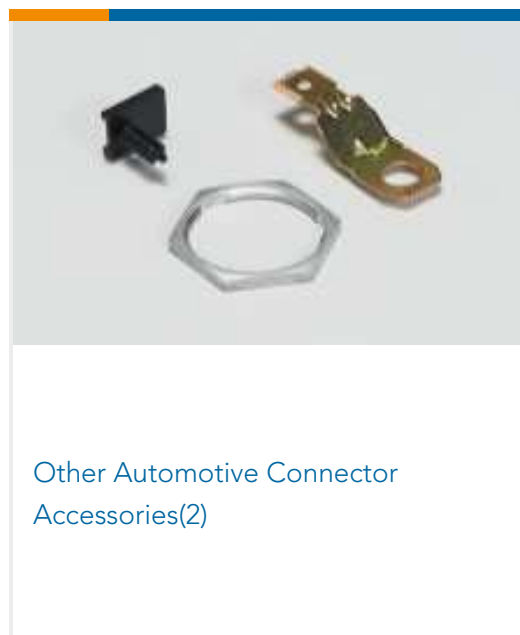
Automotive Seals & Cavity Plugs(6)



Automotive Terminals(125)



Insertion & Extraction Tools(13)

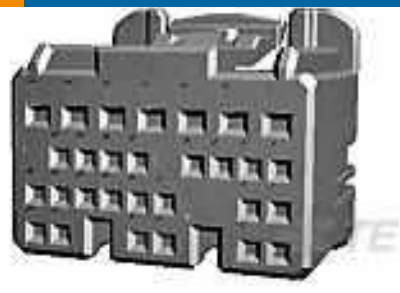


Other Automotive Connector
Accessories(2)



PCB Headers & Receptacles(29)

Customers Also Bought



TE Part #1674919-1
0.64 III/1.0 III 31POS PLUG ASSY



TE Part #1564760-1
10POS MIXED MQS REC COD A



TE Part #2098660-1
32P Shield, GY HandMate



TE Part #2098634-1
Carrier, 20P, GY LAC, Black



TE Part #1564880-1
GET 0.64,FEMALE TERMINAL 0.13M



TE Part #2-2208018-1
22POS,0.64 MALE GEN. Y,PIN HSG, ASSY



TE Part #2035363-7
1X6 GENERATION Y ASSY KEY E

TE Part #1924136-4
Carrier, 26P GenerationY, Hand Mate Conn

TE Part #1438180-1
50 WAY ANGLED EXIT WIRE SHIELD

TE Part #2378797-1
Shield, 26P GenY, Hand Mate Conn

Documents

Product Drawings

6POS, MIXED,REC HSG,ASSY

English

CAD Files

Customer View Model

[ENG_CVM_1703661-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1703661-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1703661-1_A1.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

1703661-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 6 Position, .366 in / .59 in [9.3 mm / 15 mm] Centerline, Sealable, Black, Hybrid



[5 & 6 pol; JPT -A-/AMP MCP 6.3 Buchsengehäuse, Zusammenbau, gedichtet](#)

German

[Application Specification](#)

German