

1-2141846-1

✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1-2141846-1

Automotive Connector Caps & Covers, Cover Assembly, Cable Exit Angle 180°, Black, PBT GF, 25 Position, AMP MCP Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Caps & Covers > AMP MCP Backshells



Protection & Strain Relief Accessory Type: **Cover Assembly**

Cable Exit Angle: **180°**

Strain Relief: **Without**

Primary Product Color: **Black**

Primary Product Material: **PBT GF**

[All AMP MCP Backshells \(14\)](#)

Features

Product Type Features

Protection & Strain Relief Accessory Type	Cover Assembly
---	----------------

Configuration Features

Compatible With Connector Code	A
--------------------------------	---

Number of Positions	25
---------------------	----

Body Features

Cable Exit Angle	180°
------------------	------

Primary Product Color	Black
-----------------------	-------

Primary Product Material	PBT GF
--------------------------	--------

Mechanical Attachment

Strain Relief	Without
---------------	---------

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C,
-----------------------------	--

Operating Temperature Range	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]

Packaging Features

Packaging Quantity	900
Packaging Method	Box

Other

Serviceable	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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 reviewed for solder process capability

Product Compliance Disclaimer

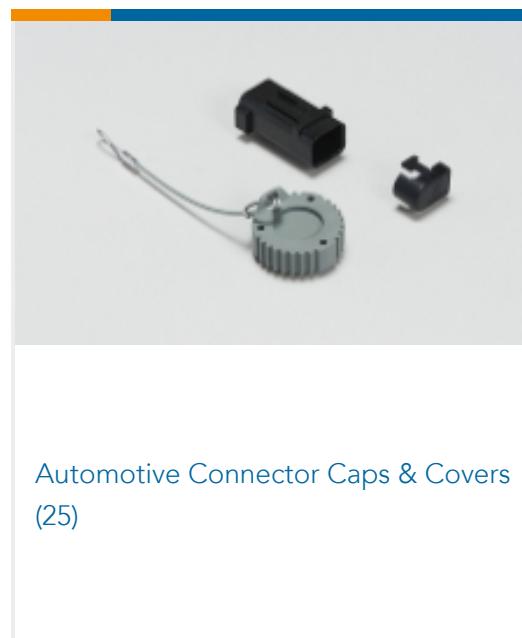
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

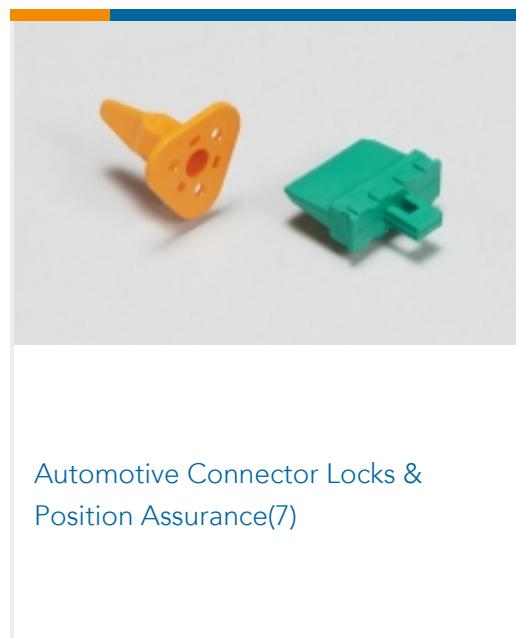


TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector
Housings

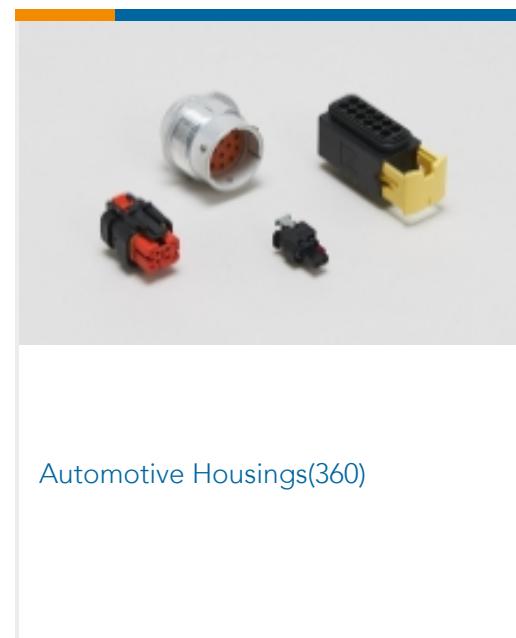
Also in the Series | AMP MCP Connector System



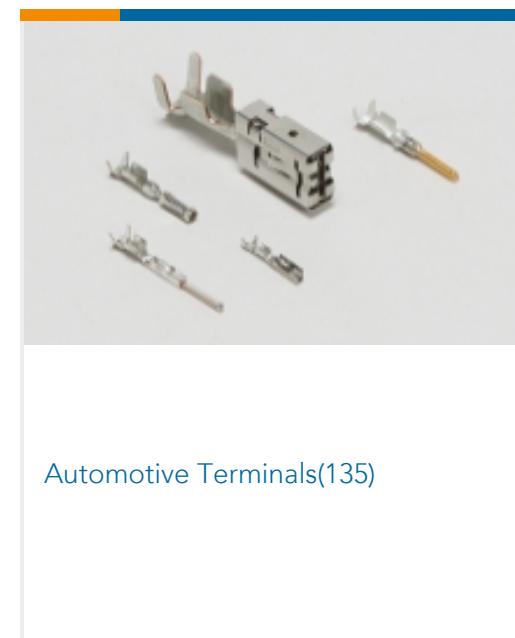
Automotive Connector Caps & Covers (25)



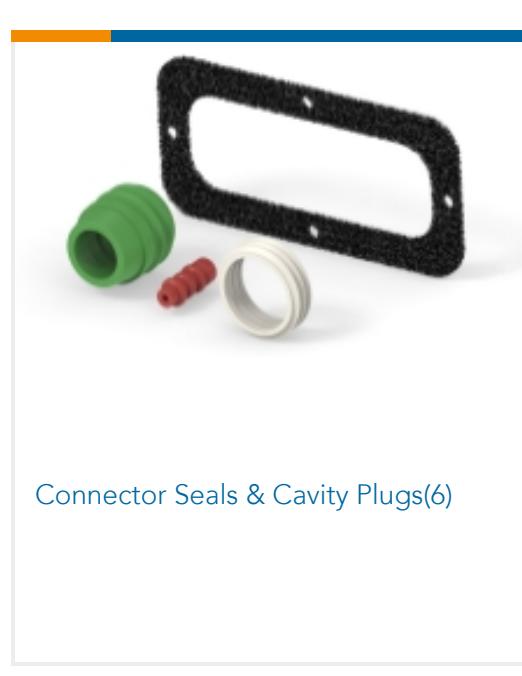
Automotive Connector Locks &
Position Assurance(7)



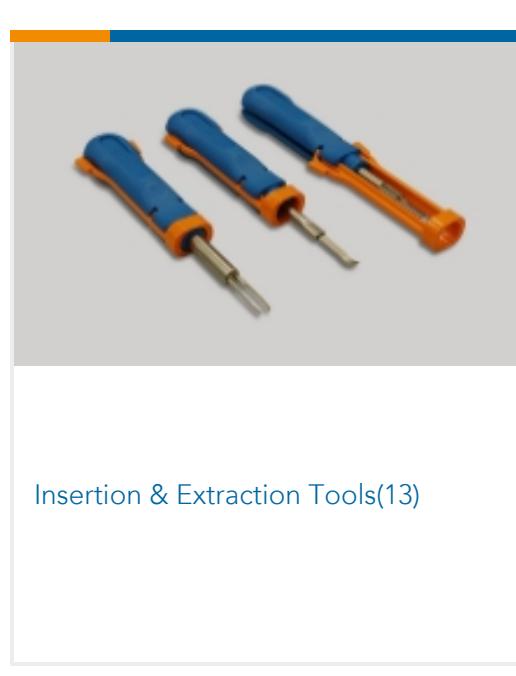
Automotive Housings(360)



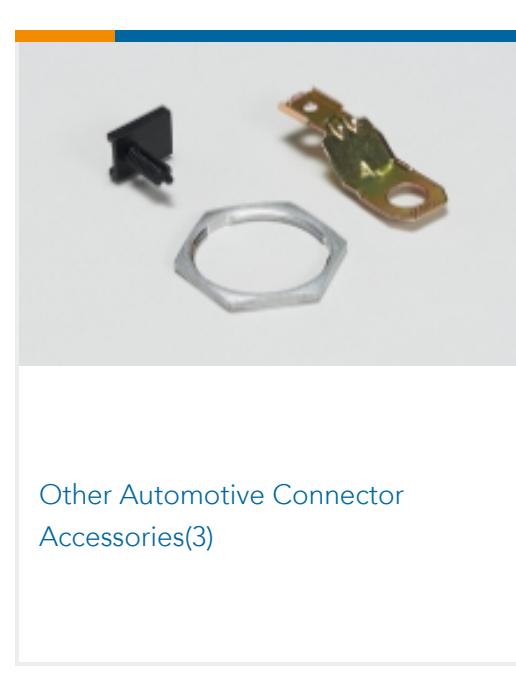
Automotive Terminals(135)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(13)



Other Automotive Connector
Accessories(3)



PCB Headers & Receptacles(30)

Customers Also Bought



TE Part # DT06-4S-E005
PLG, 4P, BLK, N, CAP



TE Part # 6-968971-1
AMP MCP Unsealed Connector
Housings



TE Part # 1534334-1
AMP MCP 1.5K, CONTACT



TE Part # 1-968876-1
AMP MCP 2.8, CONTACT SWS (LP)



TE Part # 185403-2
MODULAR RELAY HOLDER



TE Part # 1060-20-0177
PIN, SF, SIZE 20, 16-22, SN/SN



TE Part # 1924580-1
ASSEMBLY SOCKET LOOSE PC GOLD

Documents

Product Drawings

[CARRIER,RECEPTACLE HSG, 25POS,ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2141846-1_A_c-1-2141846-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141846-1_A_c-1-2141846-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141846-1_A_c-1-2141846-1-a.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

German