



AMP | AMP MCP Connector System, AMP MCP 2.8

TE Internal #: 1-968976-9

Housing for Female Terminals, Wire-to-Wire, 3 Position, 5.5 mm [.217 in] Centerline, Black, Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **3**

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

Centerline (Pitch): **5.5 mm [.217 in]**

Sealable: **No**

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	On the Terminal
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

Configuration Features

Number of Positions	3
Number of Rows	1

Housing Features

Centerline (Pitch)	5.5 mm[.217 in]
Housing Material	PA GF

Contact Features

Mating Tab Width	2.8 mm[.11 in]
Contact Size	2.8mm
Contact Type	Receptacle

Body Features

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

Circuit Application	Signal
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Strain Relief	Without
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Terminal Position Assurance	Yes
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Usage Conditions

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

Nominal Voltage Architecture	24 V, 12 V
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Operating Voltage	28 VDC
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Other

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

Product Width	26 mm[1.02 in]
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Product Length	27.5 mm[1.082 in]
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Connector Height	9.7 mm[.382 in]
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Carton
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Packaging Quantity	1000
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Product Compliance

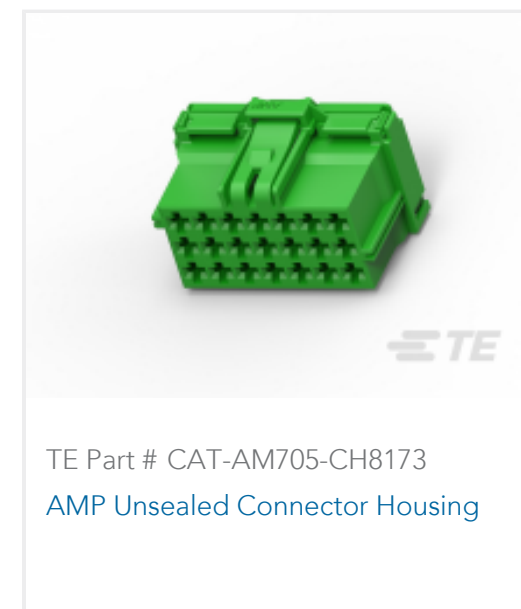
[For compliance documentation, visit the product page on TE.com>](#)

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

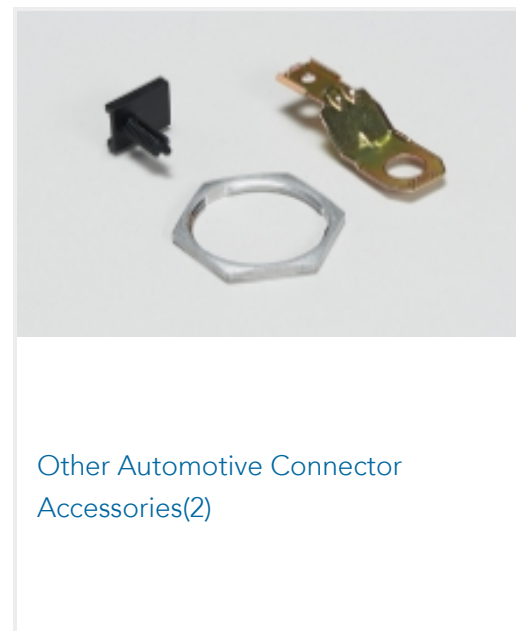
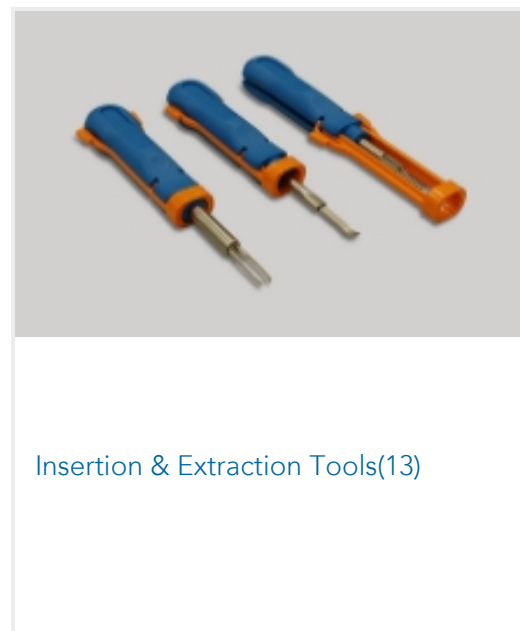
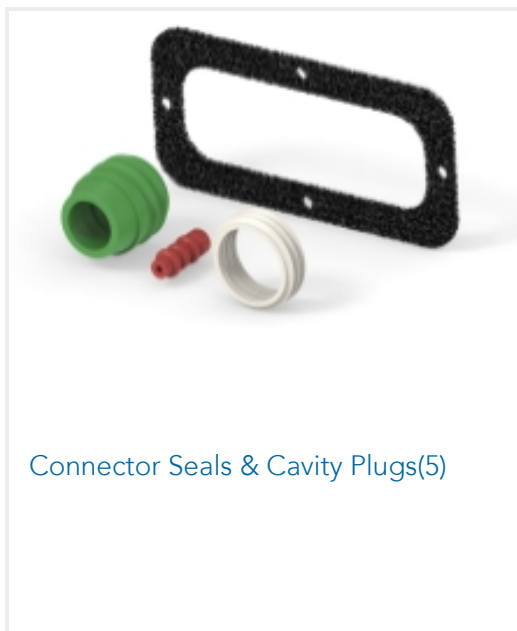
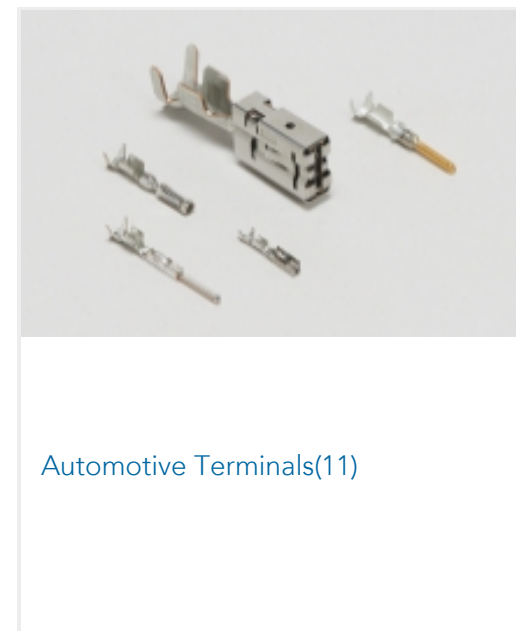
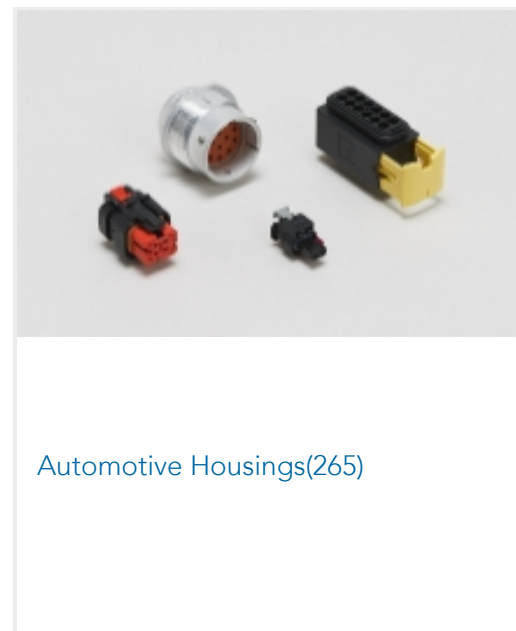
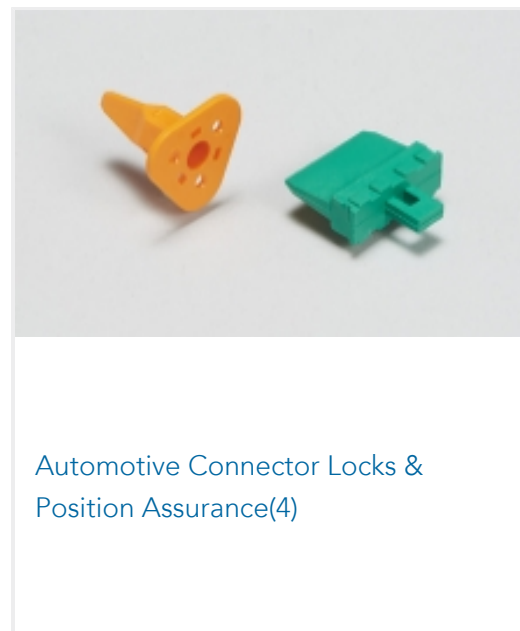
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

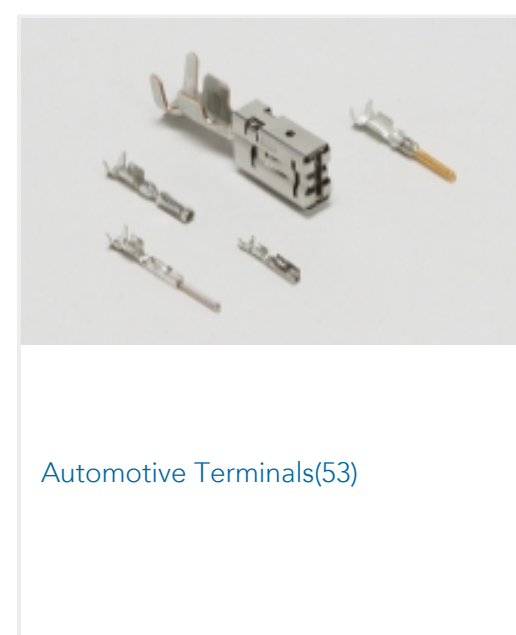
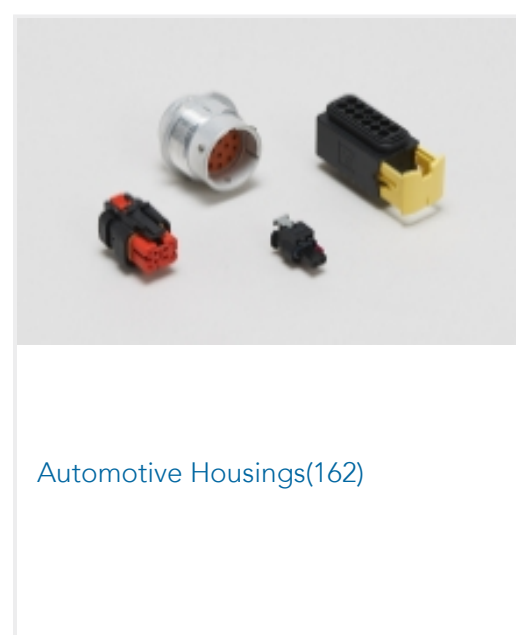
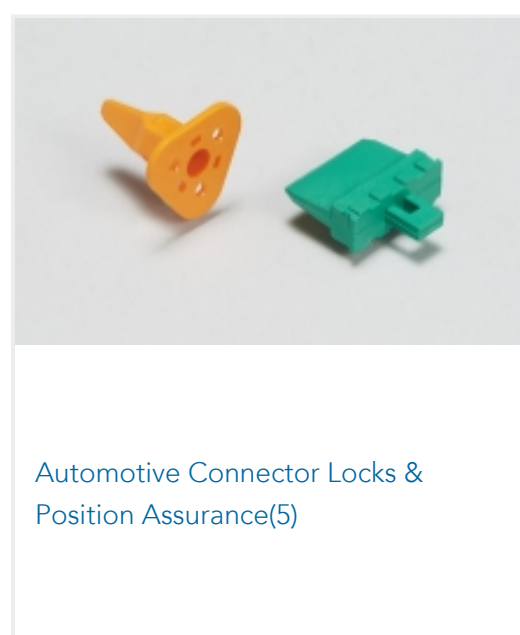


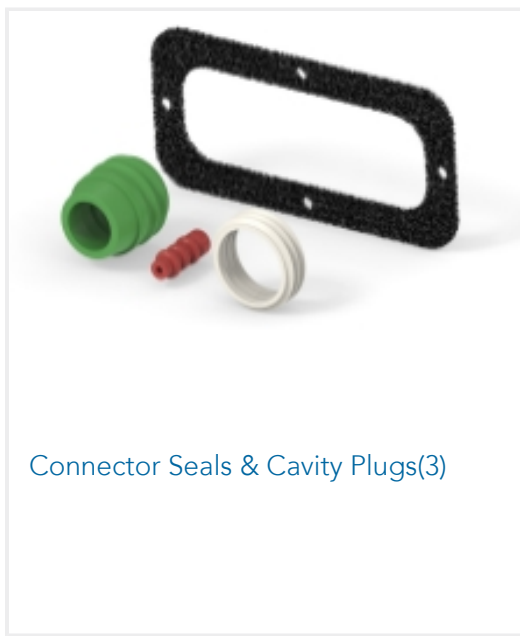


Also in the Series | **AMP MCP Connector System**

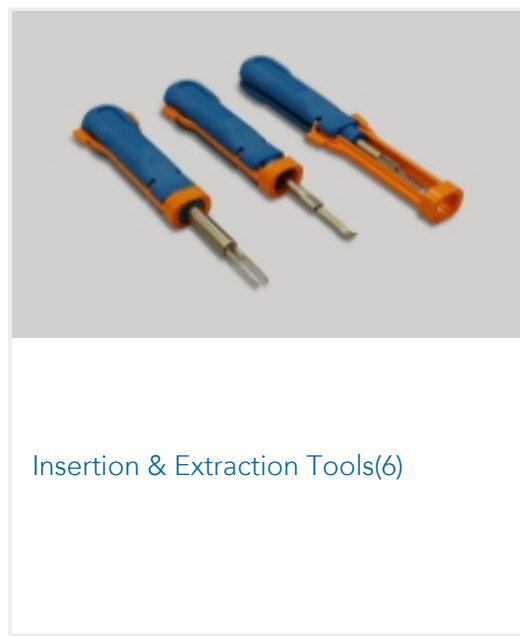


Also in the Series | **AMP MCP 2.8**





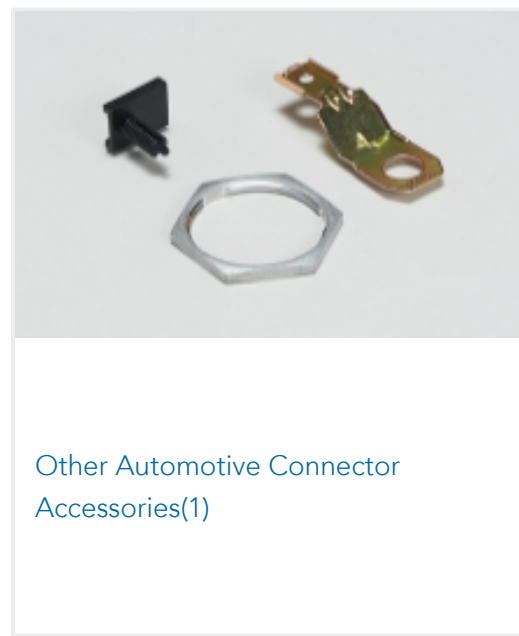
Connector Seals & Cavity Plugs(3)



Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #8-968972-1
AMP Unsealed Connector Housing



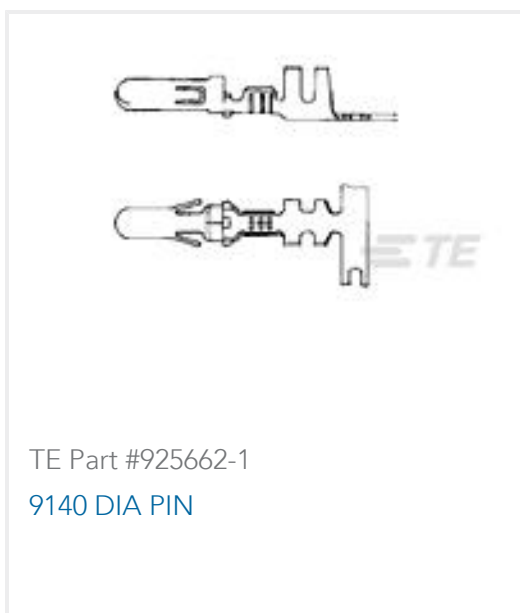
TE Part #2-1355668-2
Timer Connector Housing



TE Part #1-962842-1
TAB 2.8x0.8 CONTACT CS SRC Sn



TE Part #1-968849-1
AMP MCP 2.8, CONTACT



TE Part #925662-1
9140 DIA PIN



TE Part #1563125-1
10POS, MIXED, TAB HSG

Documents

[Product Drawings](#)
[MCP2.8 BU-GEH 3P](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-968976-9_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-968976-9_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968976-9_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English