

1-1718491-2 ✓ ACTIVE

AMP | AMP MCP Connector System

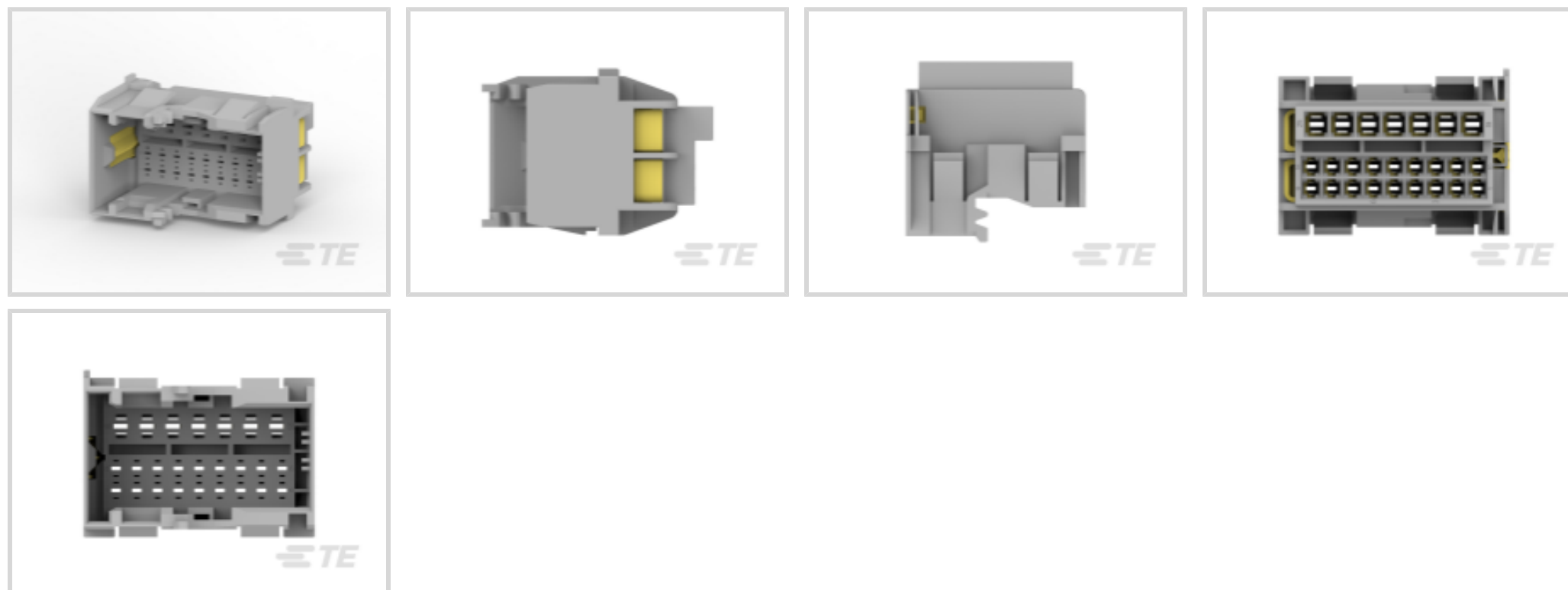
TE Internal #: 1-1718491-2

Housing for Male Terminals, Wire-to-Wire, 25 Position, .197 in / .157 in [5 mm / 4 mm] Centerline, Gray, Signal, Panel Mount, AMP MCP Connector System

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Connectors > Automotive Connectors > Connector Housings > AMP MCP, UNSEALED CONNECTOR HOUSING



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

Mating Tab Width: **1.5 mm, 2.8 mm** [.059 in, .11 in]

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

Number of Positions: **25**

Centerline (Pitch): **4 mm, 5 mm** [.157 in, .197 in]

[All AMP MCP, UNSEALED CONNECTOR HOUSING \(187\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	25
Number of Rows	1, 2

Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V, 24 V



Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Gray
Connector Code	B

Contact Features

Contact Size	1.5mm, 2.8mm
Contact Type	Tab
Mating Tab Width	1.5 mm, 2.8 mm [.059 in][.11 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	4 mm, 5 mm [.157 in][.197 in]
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Dimensions

Product Width	44.6 mm [1.756 in]
Product Length	44.5 mm [1.75 in]
Product Height	32.05 mm [1.262 in]
Row-to-Row Spacing	5.5 mm, 6.3 mm [.217 in][.248 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	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	330
Packaging Method	Box

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

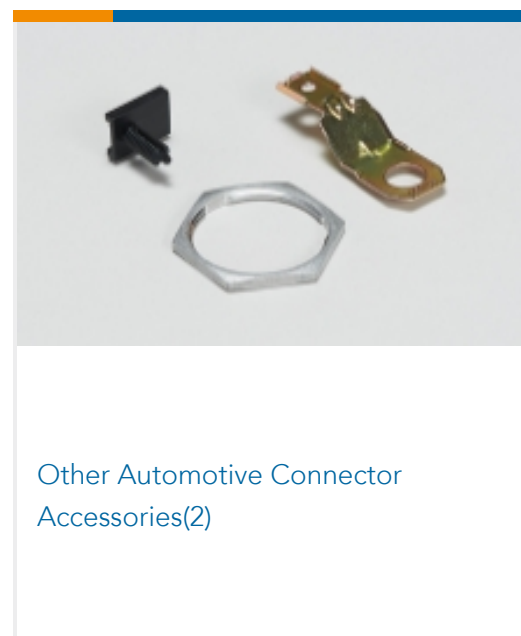
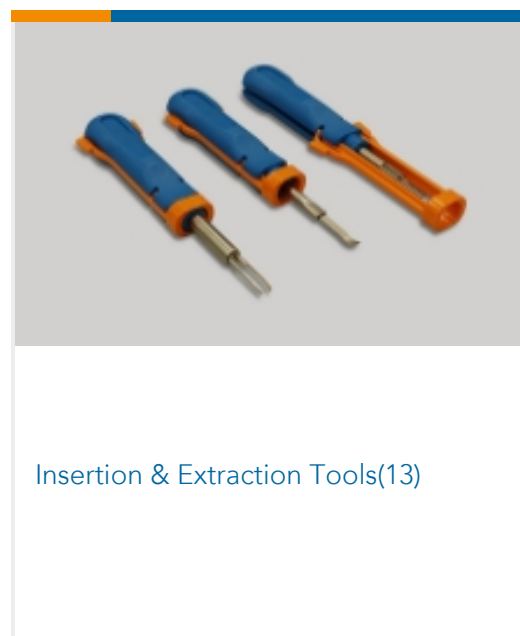
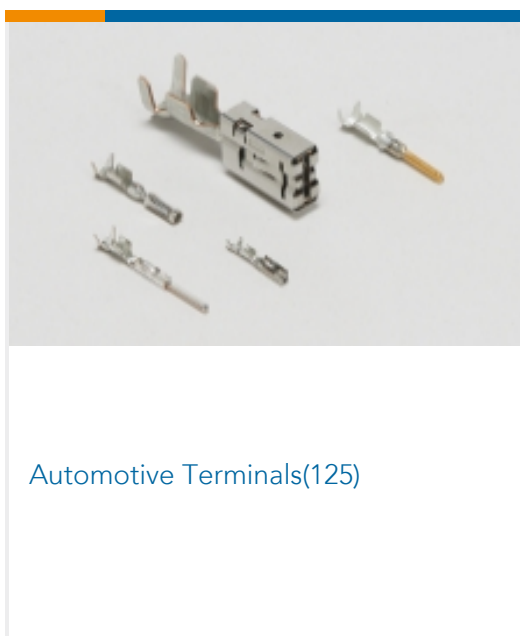
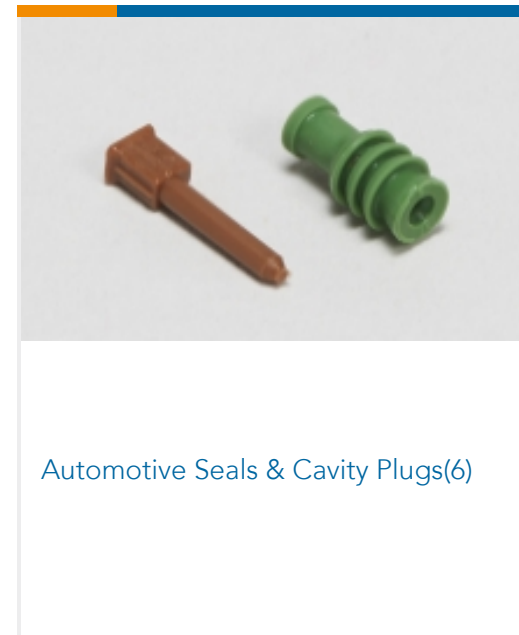
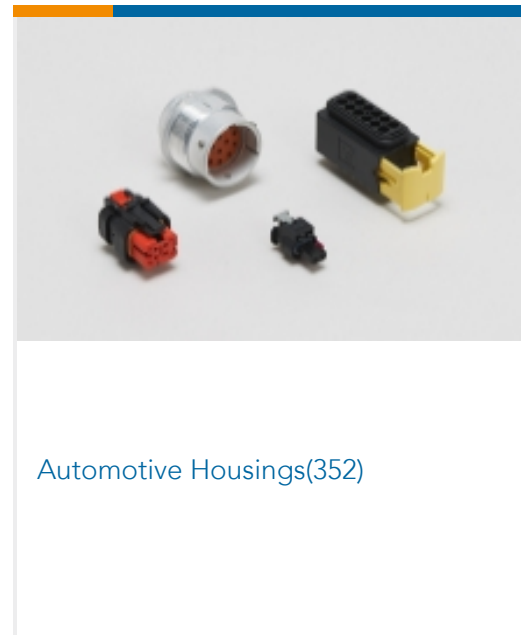
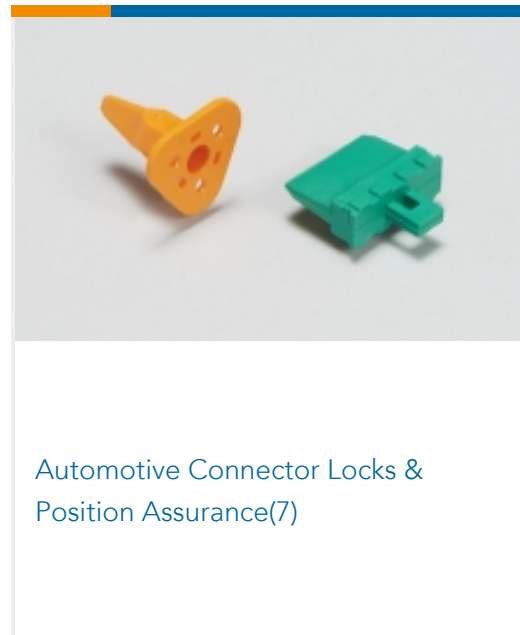
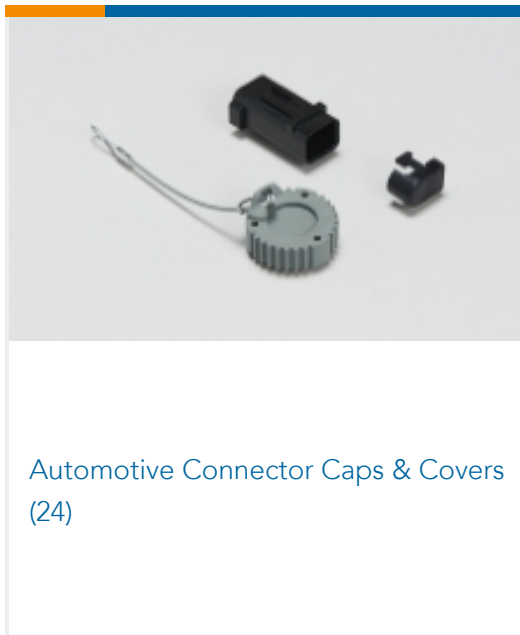
Product Compliance Disclaimer

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 Connector System



Customers Also Bought





Documents

Product Drawings

[1.5/2.8MM TAB HSG 25 POS ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1718491-2_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1718491-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1718491-2_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English