

1717672-3 ✓ ACTIVE

AMP | AMPSEAL 16

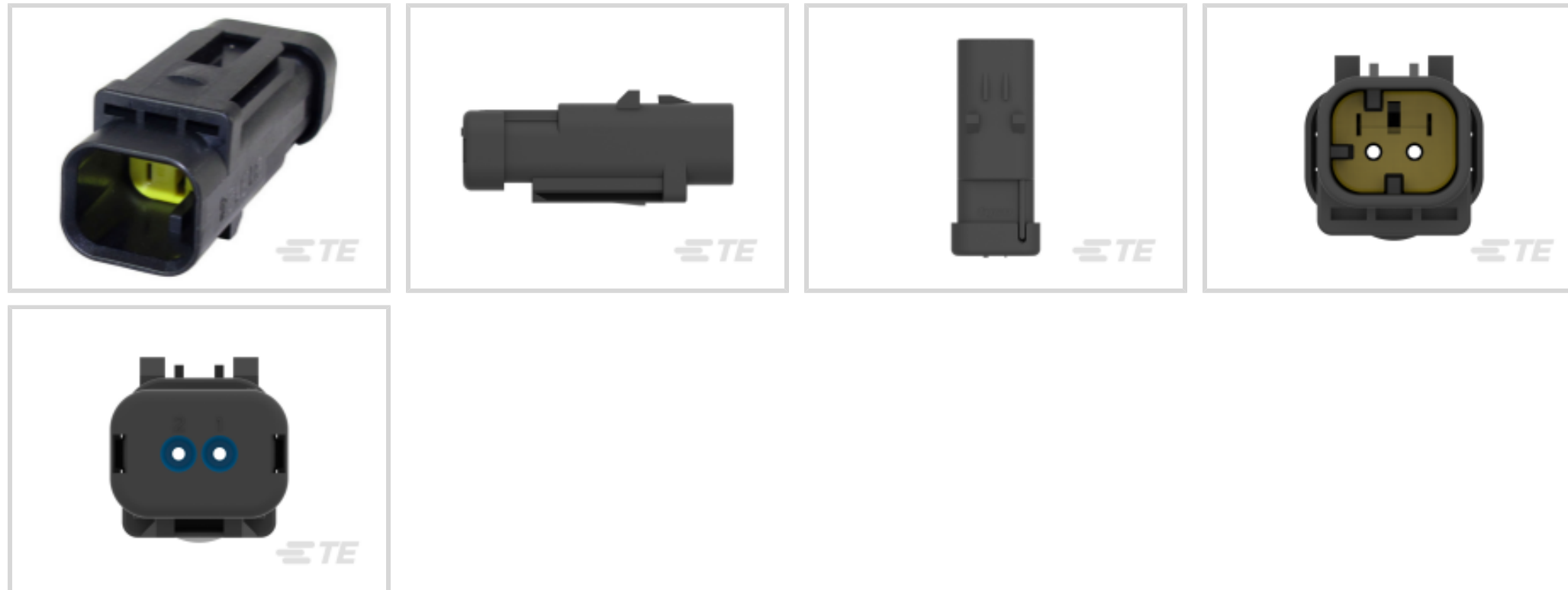
TE Internal #: 1717672-3

Housing for Female Terminals, Wire-to-Wire, 2 Position, .177 in [4.5 mm] Centerline, Sealable, Yellow, Cable Mount (Free-Hanging), AMPSEAL 16

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > AMPSEAL 16 Housings



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

Mating Pin Diameter: **1.5 mm [ .059 in ]**

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

Number of Positions: **2**

Centerline (Pitch): **4.5 mm [ .177 in ]**

[All AMPSEAL 16 Housings \(226\)](#)

## 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	Integrated in Housing

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V



### Body Features

Cable Exit Angle	180°
Body Material	Other
Primary Product Color	Yellow
Connector Code	C

### Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.059 in]
Contact Current Rating (Max)	13 A

### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	4.5 mm[.177 in]
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### Dimensions

Product Width	20.25 mm[.797 in]
Product Length	19.6 mm[.772 in]
Product Height	47.55 mm[1.873 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

### Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

### Packaging Features



Packaging Quantity	50
Packaging Method	Bag

**Other**

Connector Position Assurance Capable	Yes
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 776427-3  
AS 16, 2P PLUG ASSY, KEY 3



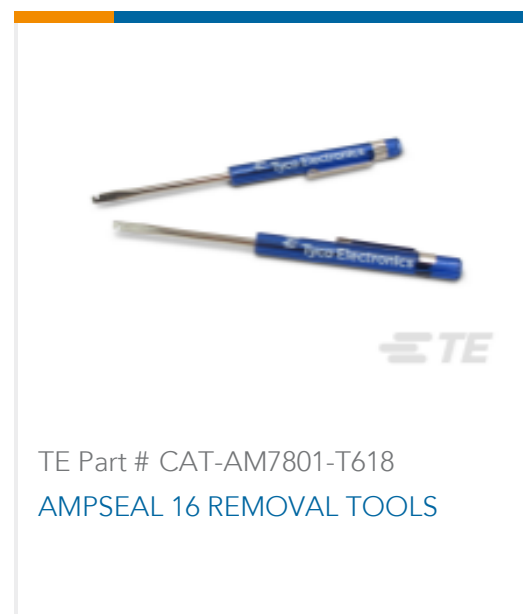
TE Part # CAT-AM7801-M8649  
AMPSEAL 16 Connectors Mounting Clips



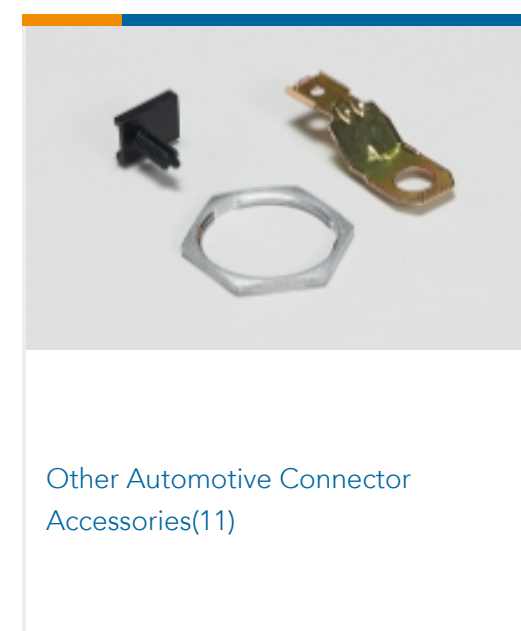
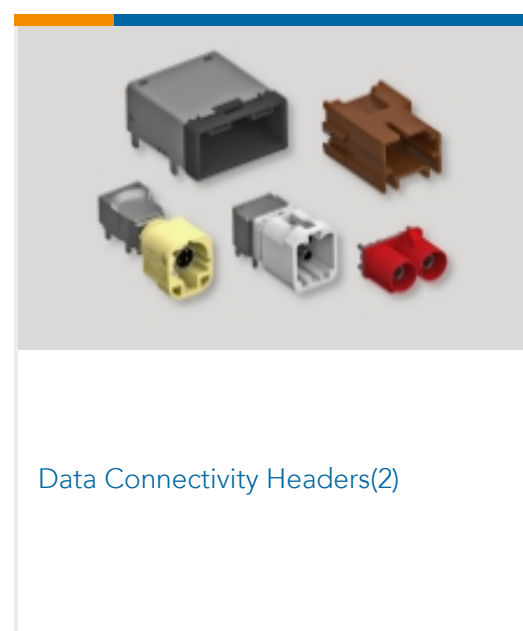
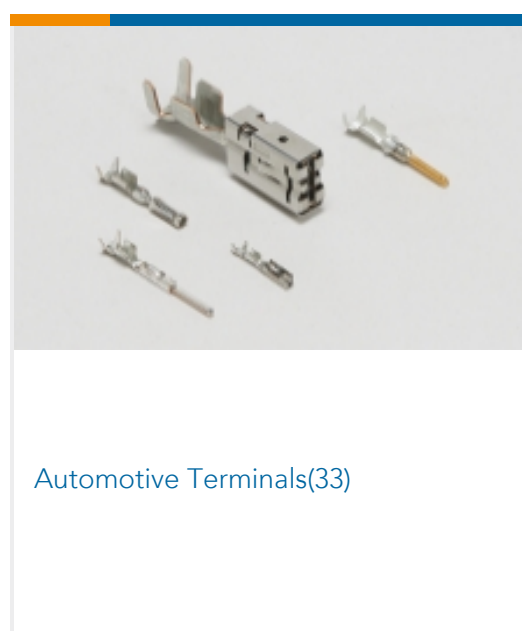
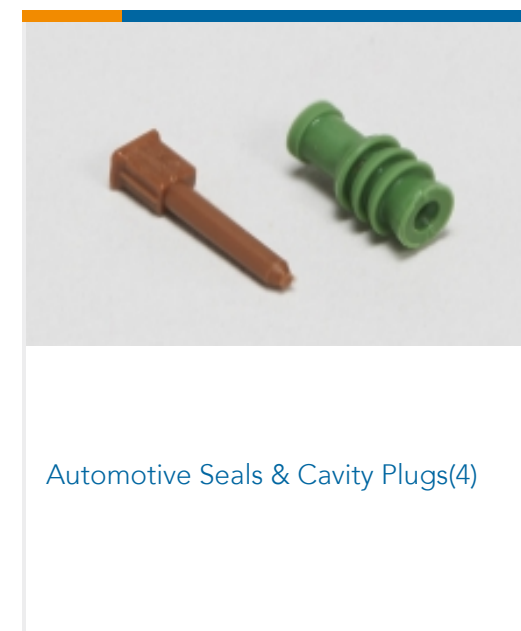
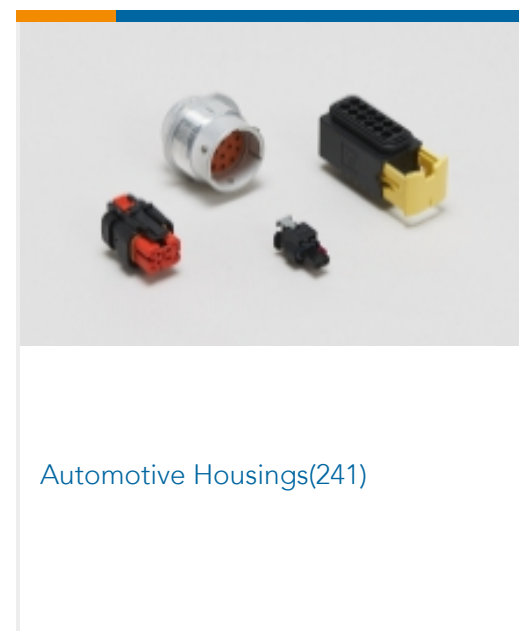
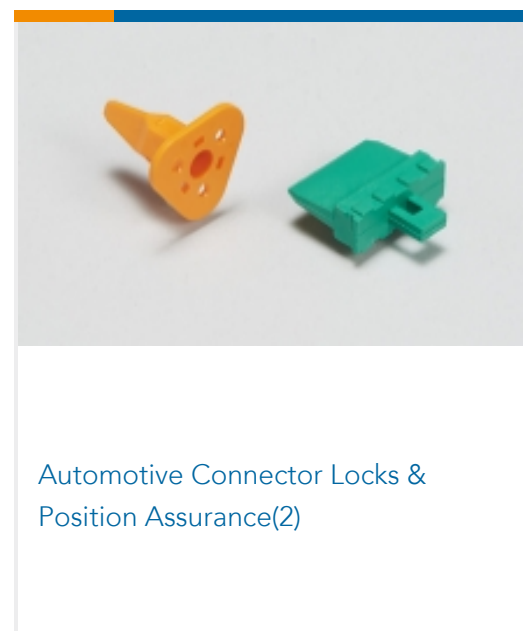
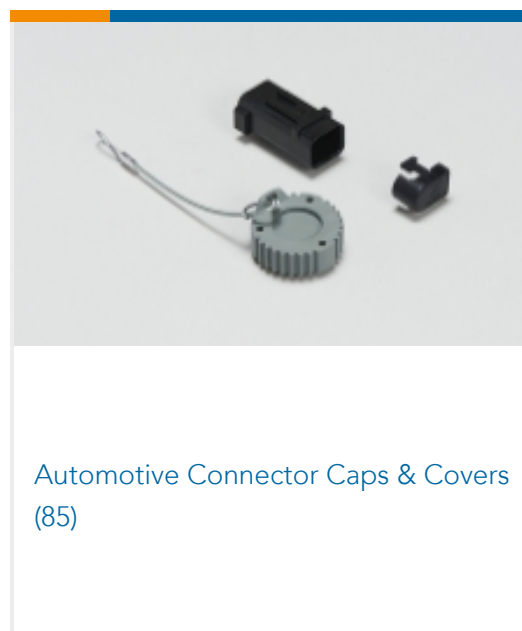
TE Part # CAT-AM7801-T273  
Contacts: Size 16, 13A



TE Part # 776363-1  
SEALING PLUG, SZ 16 CAVITY



## Also in the Series | AMPSEAL 16



## Documents

### Product Drawings

CAP ASSY,2P,BRACKET REVERSE TYPE,ATAC CO

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1717672-3\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1717672-3\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1717672-3\\_D.3d\\_stp.zip](#)

English



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

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## Datasheets & Catalog Pages

### ICT Terminals and Connectors Catalogue

English

### CONNECTOR SELECTOR

English

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## Product Specifications

### Application Specification

English