

2320921-2

✓ ACTIVE

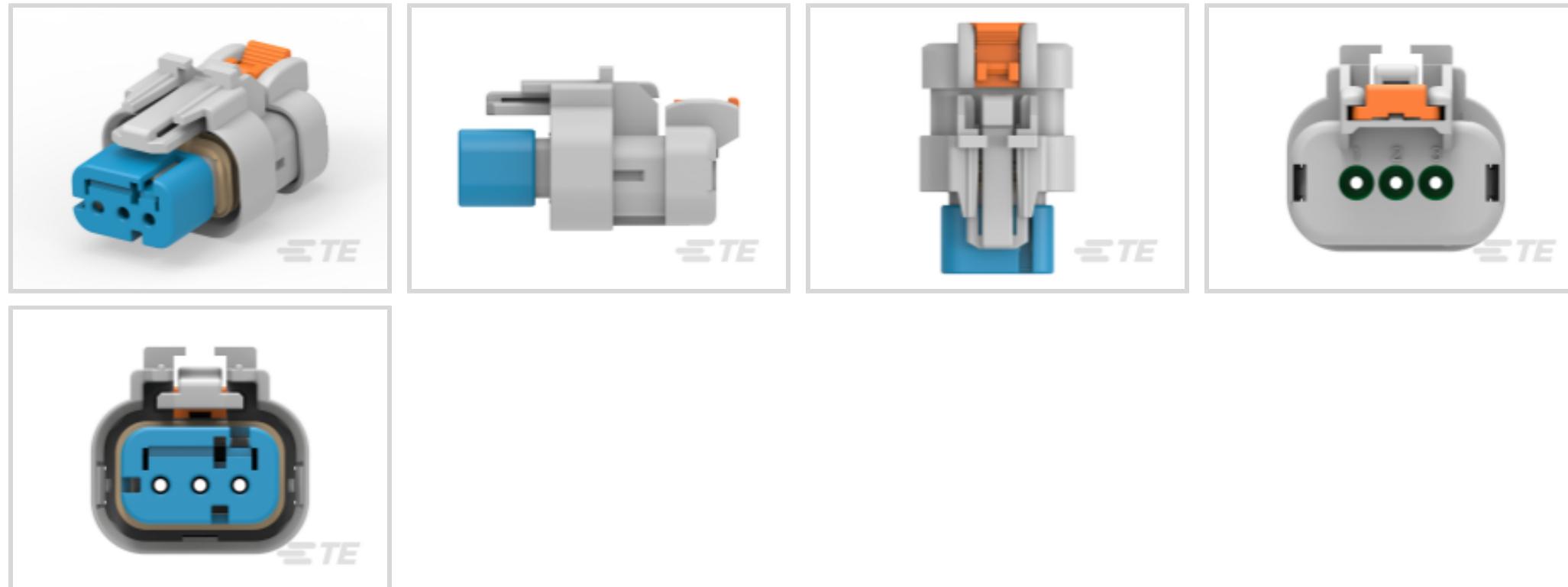
## AMP | AMPSEAL 16

TE Internal #: 2320921-2

Housing for Female Terminals, Wire-to-Wire / Wire-to-Device, 3 Position, .177 in [4.5 mm] Centerline, Sealable, Gray, Wire & Cable, AMPSEAL 16

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



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

Number of Positions: **3**

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

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

Sealable: **Yes**

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

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Blank Cavity Position	0
Number of Positions	3
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VAC
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Nominal Voltage Architecture	12 V
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### Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
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Connector & Keying Code	2
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### Contact Features

Contact Size	Size 16
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Contact Type	Socket
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Mating Pin Diameter	1.59 mm[.062 in]
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Contact Current Rating (Max)	13 A
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### Mechanical Attachment

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

Housing Material	PBT GF
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Centerline (Pitch)	4.5 mm[.177 in]
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### Dimensions

Connector Height	23.5 mm[.925 in]
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Product Width	24.83 mm[.978 in]
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Product Length	36.8 mm[1.449 in]
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Row-to-Row Spacing	0 mm[0 in]
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### Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
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Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
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### Operation/Application

Circuit Application	Power, Signal
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### Industry Standards

Degree of Protection	IP67
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UL Flammability Rating      UL 94V-0

### Packaging Features

Packaging Method	Box
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### Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component part) Decamethylcyclopentasiloxane (D5) (.5% in Component part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component part)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

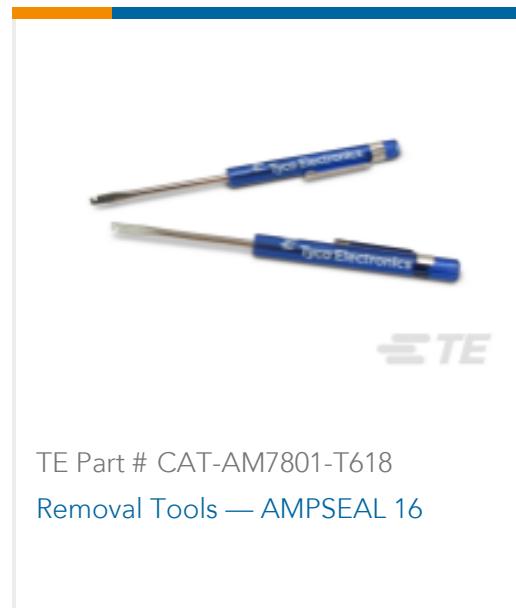
## Compatible Parts



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



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



TE Part # CAT-AM7801-T618  
Removal Tools — AMPSEAL 16

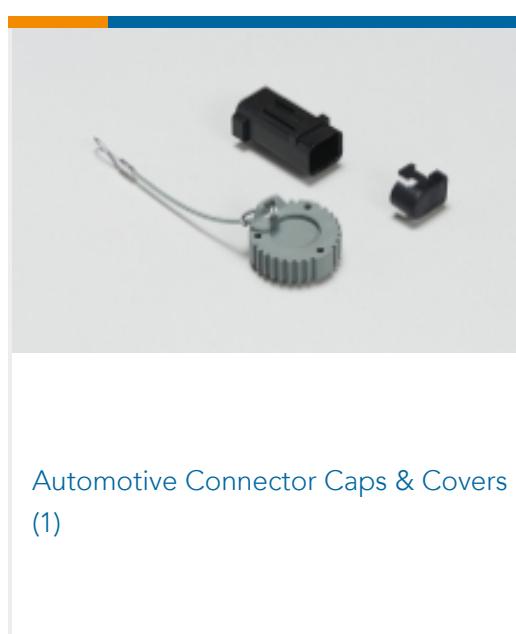


TE Part # CAT-AM7801-CH8172  
AMPSEAL 16 Housings

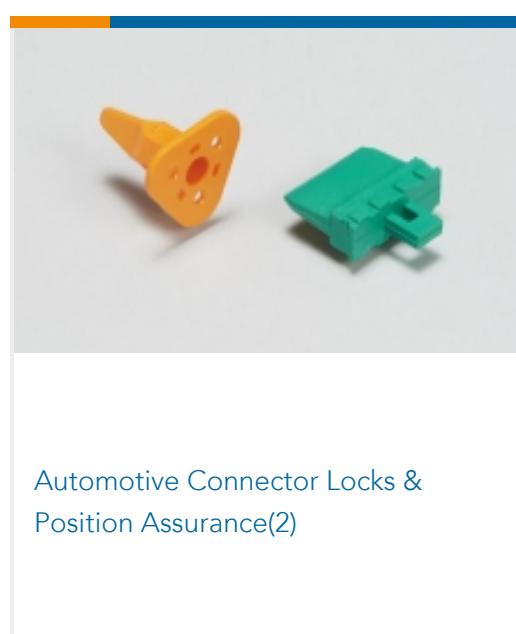


TE Part # 2272179-2  
AMPSEAL 16 PERIPHERAL SEAL 3P - SERVICE

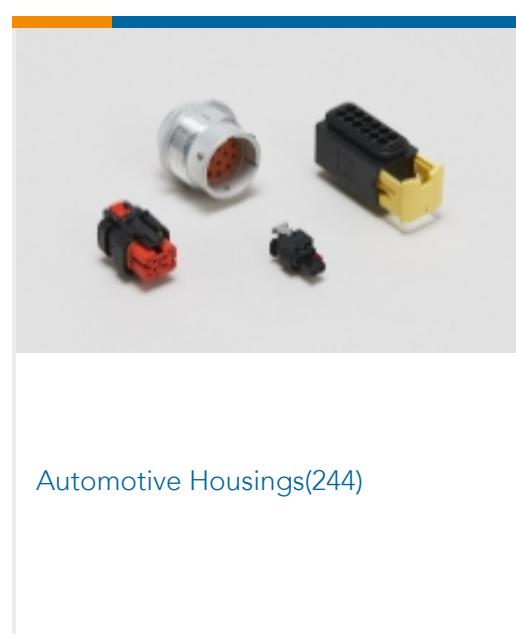
## Also in the Series | AMPSEAL 16



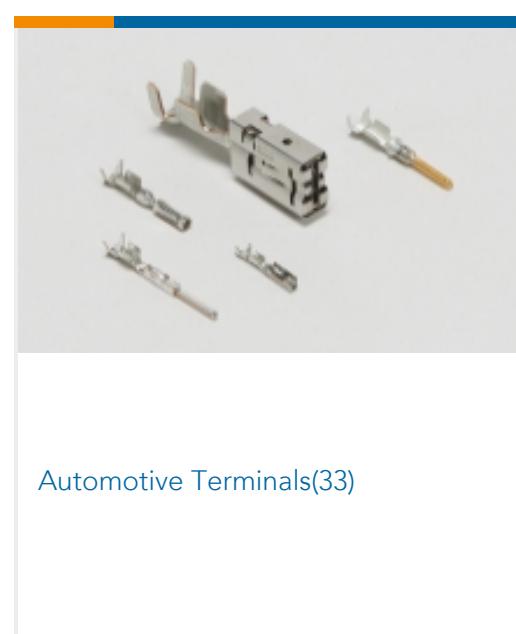
Automotive Connector Caps & Covers (1)



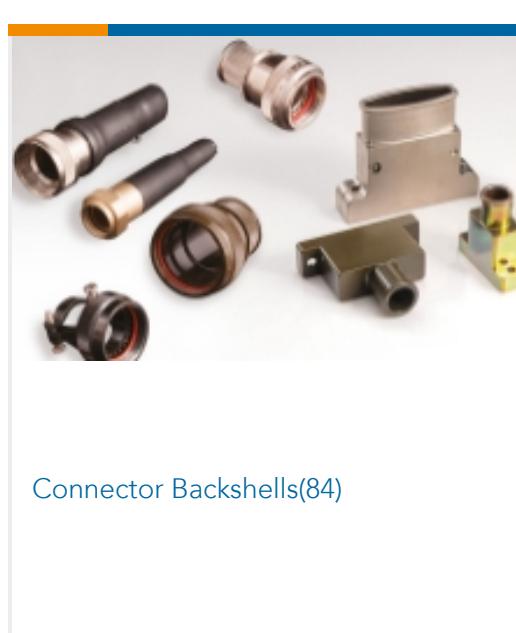
Automotive Connector Locks & Position Assurance(2)



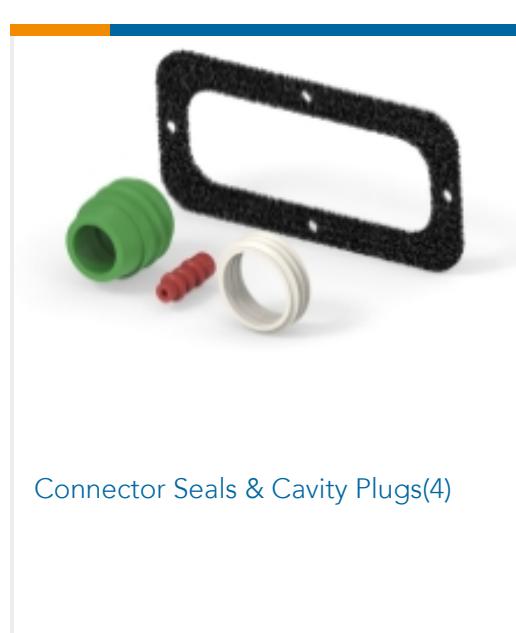
Automotive Housings(244)



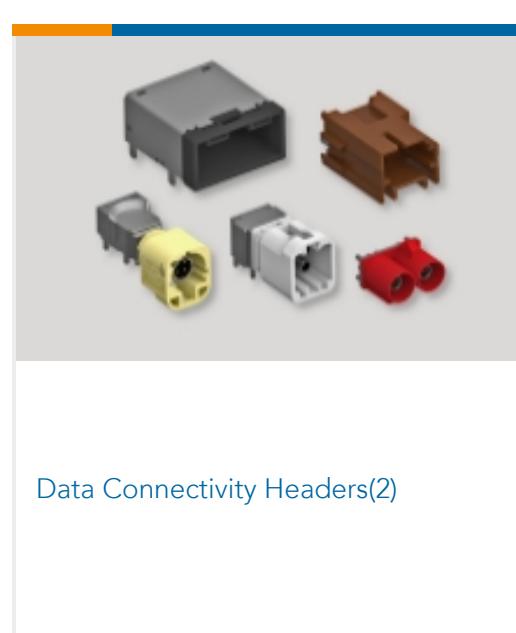
Automotive Terminals(33)



Connector Backshells(84)



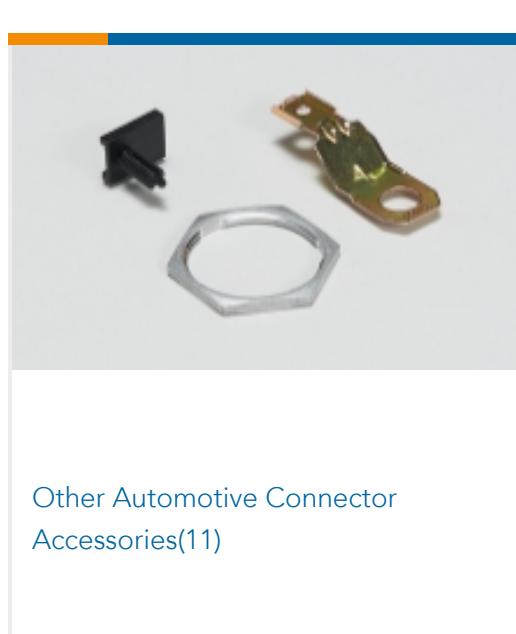
Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

## Customers Also Bought



TE Part #206070-8  
CABLE CLAMP KIT #17



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #W2S  
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

[3POS,AMPSEAL 16,SOC HSG ASSY,SLD,COD 2](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2320921-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2320921-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2320921-2\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English