

2320925-1 ✓ ACTIVE

AMP | AMPSEAL 16

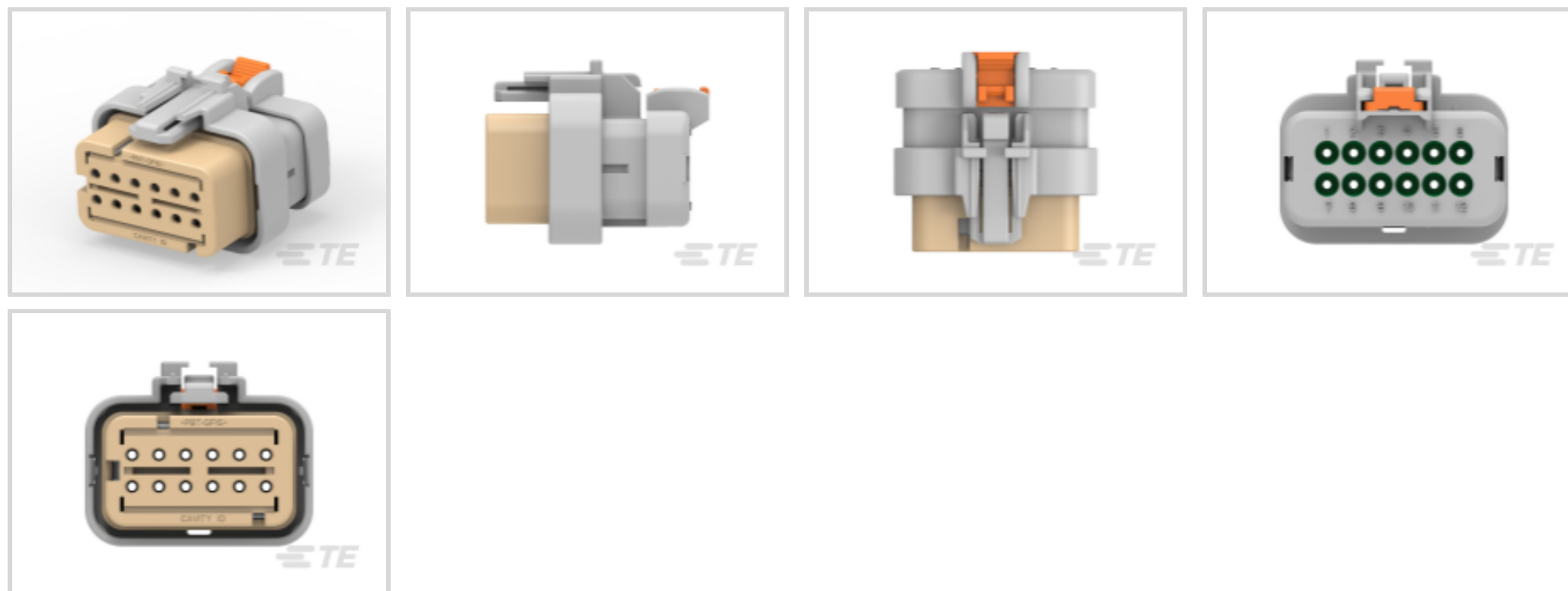
TE Internal #: 2320925-1

Housing for Female Terminals, Wire-to-Wire, 12 Position, 4.5 mm [.177 in] Centerline, Sealable, Gray, Wire & Cable, AMPSEAL 16

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



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

Number of Positions: **12**

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

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

Sealable: **Yes**

[All AMPSEAL 16 Housings \(224\)](#)

## Features

### Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| Connector System                  | 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   | 12 |
| Number of Rows        | 2  |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|



### Body Features

|                         |      |
|-------------------------|------|
| Cable Exit Angle        | 180° |
| Primary Product Color   | Gray |
| Connector & Keying Code | A    |

### Contact Features

|                     |                 |
|---------------------|-----------------|
| Contact Size        | 1.6mm           |
| Contact Type        | Socket          |
| Mating Pin Diameter | 1.6 mm[.062 in] |

### Mechanical Attachment

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

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PBT GF          |
| Centerline (Pitch) | 4.5 mm[.177 in] |

### Dimensions

|                    |                    |
|--------------------|--------------------|
| Connector Height   | 31.5 mm[1.24 in]   |
| Product Width      | 38.33 mm[1.509 in] |
| Product Length     | 36.8 mm[1.449 in]  |
| Row-to-Row Spacing | 5.3 mm[.209 in]    |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 150 °C[302 °F]             |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

### Industry Standards

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

### Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

### Other

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|



Connector Position Assurance Capable Yes

### 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)  
 SVHC > Threshold:  
 Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)  
 Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)  
 Decamethylcyclopentasiloxane (D5) (.5% in Component Part)

**Article Safe Usage Statements:**  
 Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability Not reviewed for solder process capability

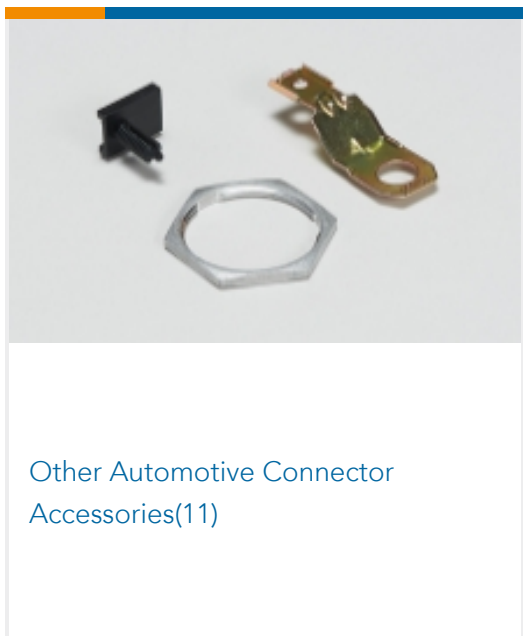
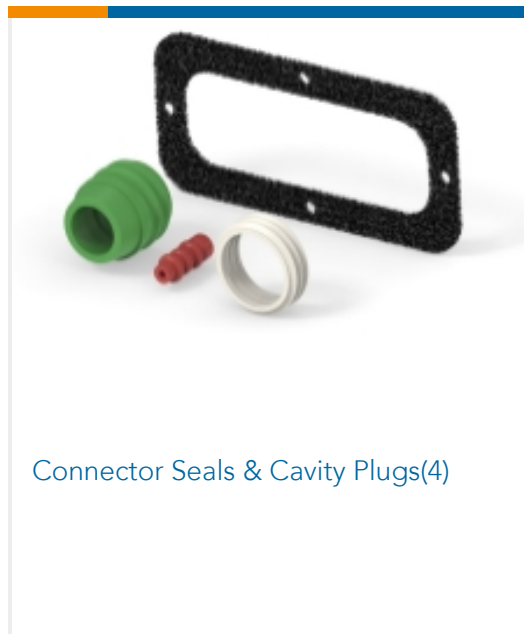
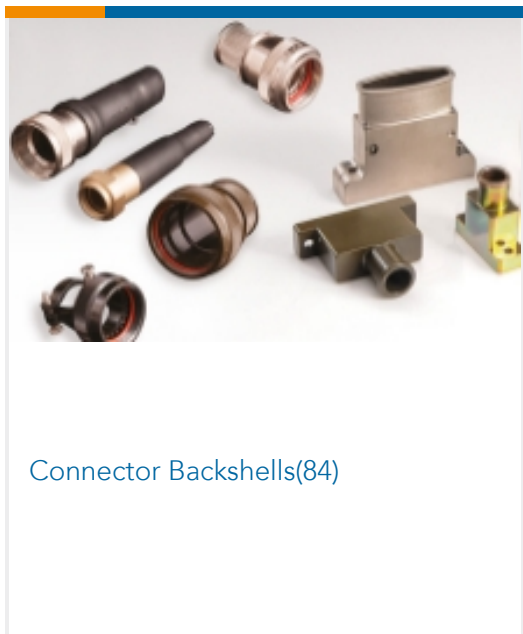
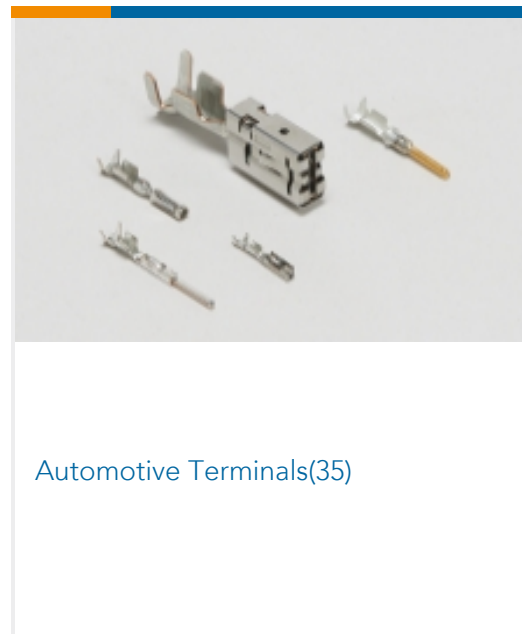
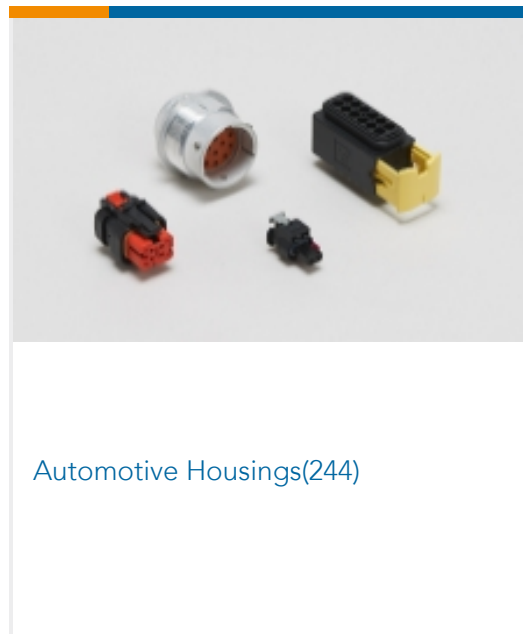
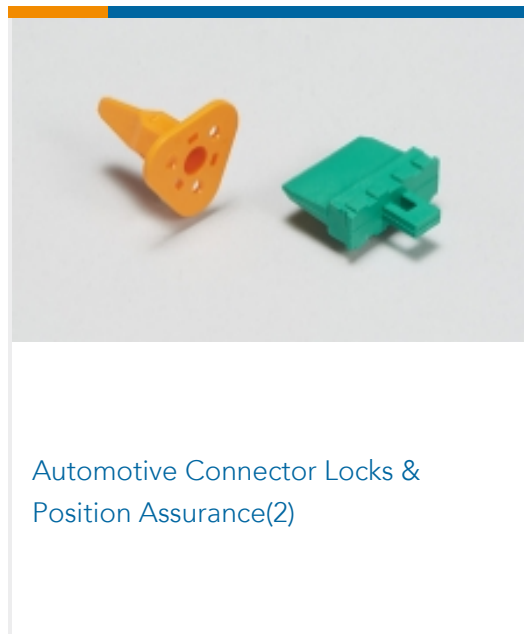
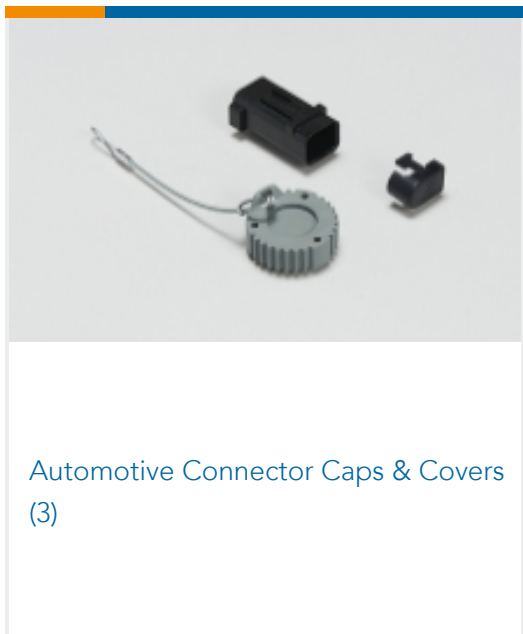
#### Product Compliance Disclaimer

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



Also in the Series | **AMPSEAL 16**



Customers Also Bought





## Documents

### Product Drawings

[AS16,PLUG ASSY,HT,12P,N SEAL,CODE A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2320925-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2320925-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2320925-1\\_A.3d\\_stp.zip](#)

English

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### Product Specifications



## Application Specification

English