



Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **3**  
Connector & Housing Type: **Housing for Male 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 Male 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 |
|-------------------|---------|



Body Features

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

Contact Features

|                     |                 |
|---------------------|-----------------|
| Contact Size        | 1.6mm           |
| Contact Type        | Pin             |
| 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   | 19.15 mm[.754 in]  |
| Product Width      | 24.1 mm[.949 in]   |
| Product Length     | 47.55 mm[1.872 in] |
| Row-to-Row Spacing | 0 mm[0 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 | Bag |
|------------------|-----|

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| 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 # 776363-1  
SEALING PLUG, SZ 16 CAVITY



TE Part # CAT-AM7801-B128  
AMPSEAL 16 Connectors Backshell



TE Part # CAT-AM7801-T273  
AMPSEAL 16 CONTACTS



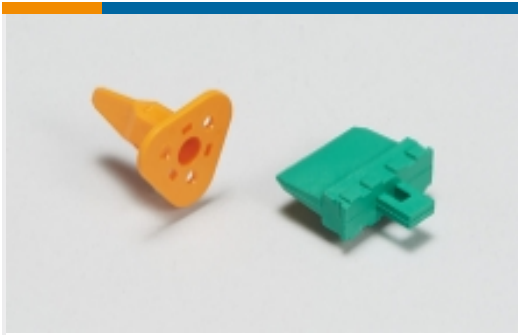
TE Part # CAT-AM7801-CH8172  
AMPSEAL 16 Housings

Also in the Series | AMPSEAL 16





Automotive Connector Caps & Covers (3)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(84)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)

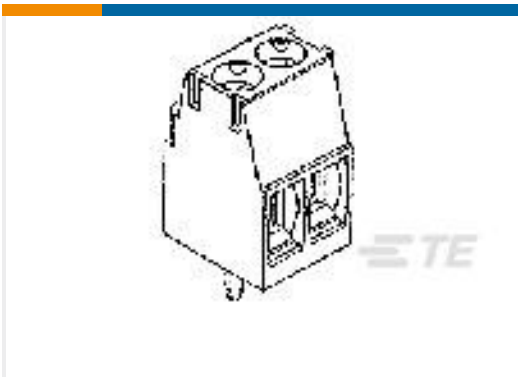


Other Automotive Connector Accessories(11)

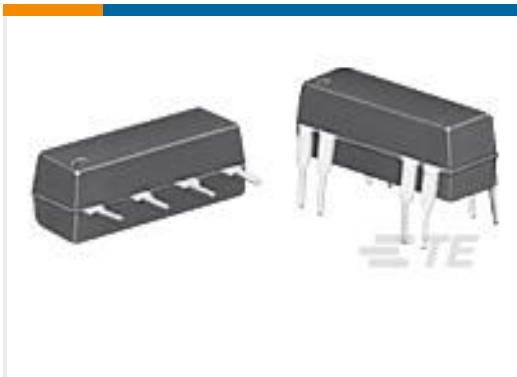
Customers Also Bought



TE Part #2320933-1  
AS16,PLUG ASSY,HT,03P,E SEAL, CODE A



TE Part #284392-6  
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part #1393771-7  
JWD-171-10=REED RELAYS



TE Part #2-1393104-5  
KRPA-11AG-120=KRPA-



TE Part #20029651-00  
LMIS250UB3SR



TE Part #91002-1  
TOOL SMALL WIRE INS



TE Part #58113-5  
EXTRACTION TOOL - LIF PGA

Documents



Product Drawings

AS16,CAP ASSY,HT,03P,N SEAL,CODE A

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2320914-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2320914-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2320914-1\_A.3d\_stp.zip

English

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

Product Specifications

Application Specification

English