2320933-1 ✔ ACTIVE

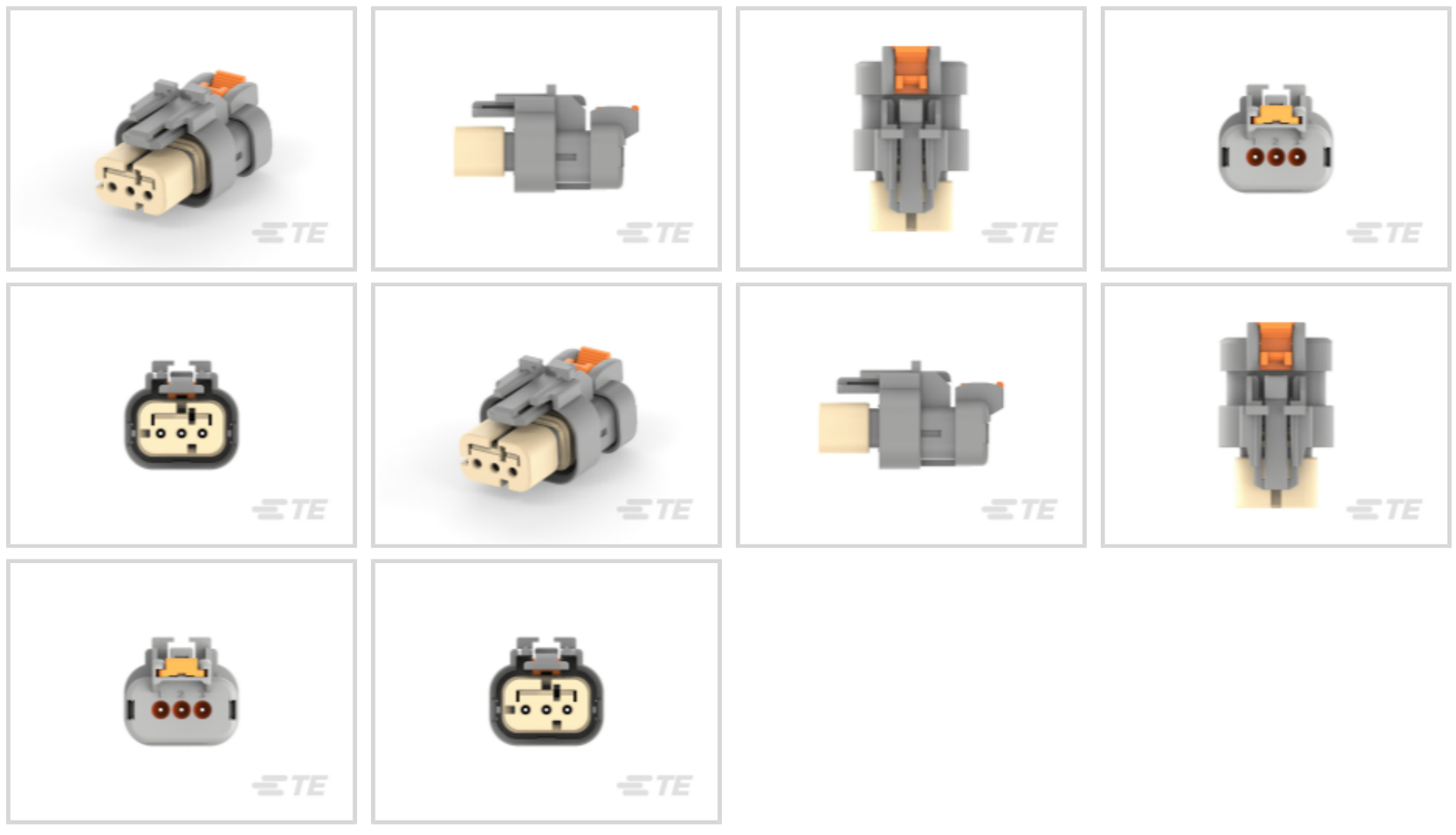
AMP | AMPSEAL 16

TE Internal #: 2320933-1

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

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Nominal Voltage Architecture: **12 V**

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

Number of Positions: **3**

Sealable: **Yes**

Operating Temperature Range: **-40 – 150 °C [-40 – 302 °F]**

All AMPSEAL 16 Housings (224)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V

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

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

Housing Features

Housing Material	Glass-Filled PBT
Centerline (Pitch)	4.5 mm[.177 in]

Dimensions

Product Width	24.83 mm[.978 in]
Product Length	36.8 mm[1.449 in]
Connector Height	23.5 mm[.925 in]

Usage Conditions

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

Industry Standards

IP Rating	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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in 27519261136) Decamethylcyclopentasiloxane (D5) (.5% in 27519261136) Dodecamethylcyclohexasiloxane (D6) (.5% in 27519261136) **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



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

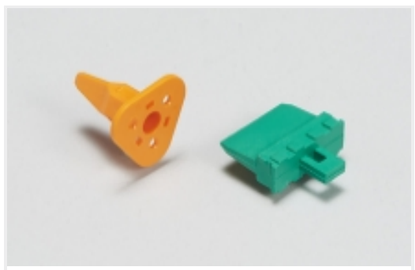


TE Part # CAT-AM7801-T273
Contacts: Size 16, 13A

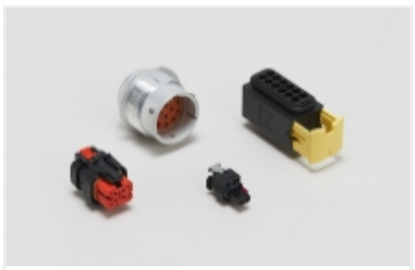


TE Part # 2272179-2
AMPSEAL 16 PERIPHERAL SEAL 3P - SERVICE

Also in the Series | AMPSEAL 16



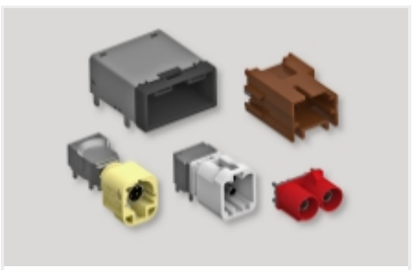
Automotive Connector Locks & Position Assurance(6)



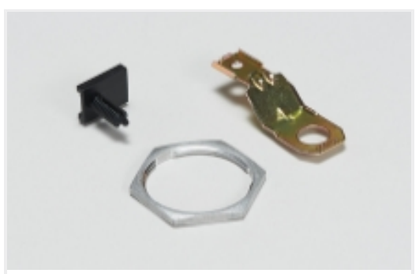
Automotive Housings(241)



Connector Seals & Cavity Plugs(11)



Data Connectivity Headers(9)

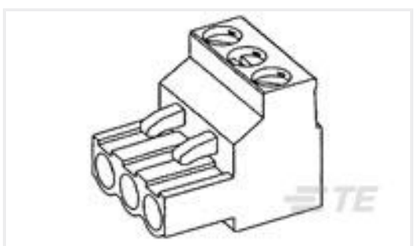


Other Automotive Connector Accessories(8)

Customers Also Bought



TE Part #60799-4
SHUR PLUG 180 REC 18-14 AWG TNPPHBZ



TE Part #1-796635-2
12 POS 5.08MM R/A PLUG,TRM BLK



TE Part #3-796635-8
16P 5.08 R/A PLUG,MARKED



TE Part #CAT-AM7801-CH8172
AMPSEAL 16 Housings

Documents

Product Drawings

AS16,PLUG ASSY,HT,03P,E SEAL,CODE A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2320933-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2320933-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2320933-1_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

Agency Approvals

UL Report

English