

2320933-3 ✓ ACTIVE



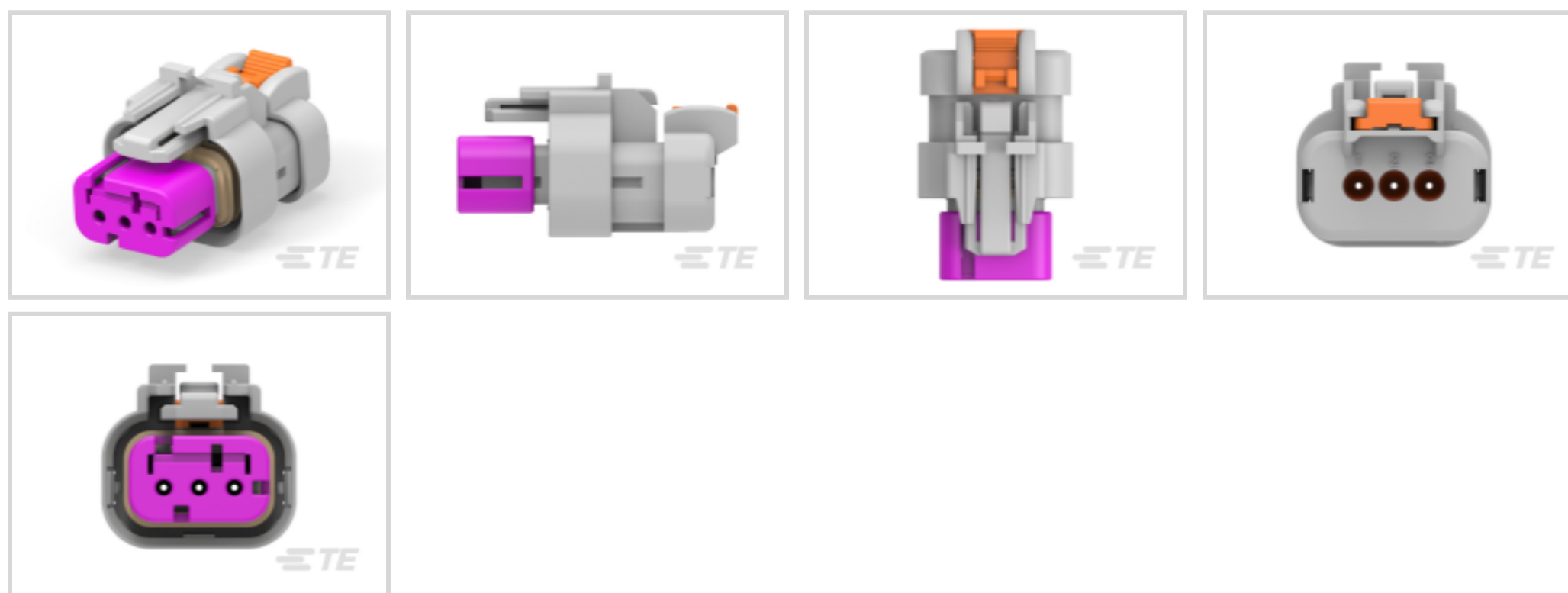
AMP | AMPSEAL 16

TE Internal #: 2320933-3

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	C
-------------------------	---

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	PBT GF
------------------	--------

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (.5% in 27519261136) Octamethylcyclotetrasiloxane (D4) (.5% in 27519261136) Dodecamethylcyclohexasiloxane (D6) (.5% in 27519261136)</p> <p>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.</p>
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 # 2272179-2
AMPSEAL 16 PERIPHERAL SEAL 3P - SERVICE



TE Part # CAT-AM7801-T273
AMPSEAL 16 CONTACTS



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

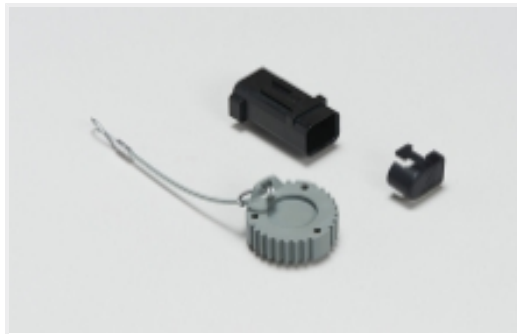


TE Part # CAT-AM7801-CH8172
AMPSEAL 16 Housings

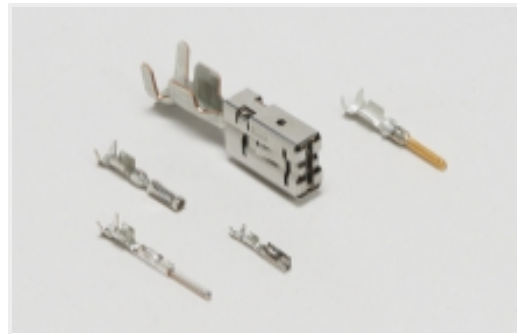


TE Part # CAT-AM7801-T618
Removal Tools — AMPSEAL 16

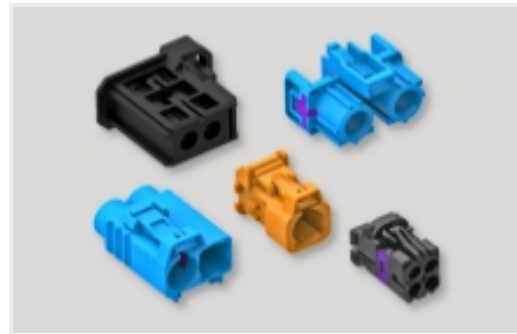
Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (5)



Automotive Terminals(35)



Data Connectivity Housings(8)

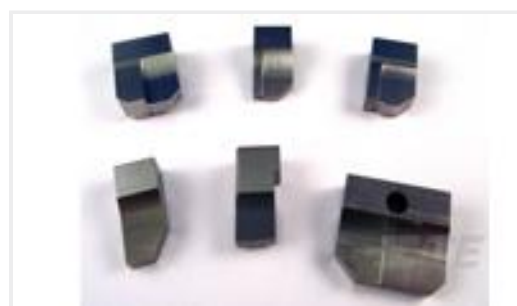
Customers Also Bought



TE Part #YHV280-2PM-P-4MM-B
HVA280-2phm,pass,4sqmm,Key B



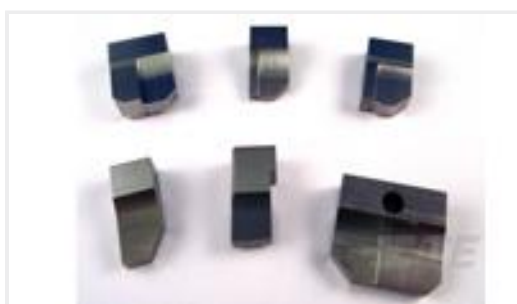
TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #464291-5
ANVIL, SAND-BLASTED 12-10



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



TE Part #4-1633932-0
ANVIL, COMBINATION



TE Part #1-1633961-2
CRIMPER, INSULATION F PREMIUM



TE Part #1587940-3
CABLE SEAL RETAINER, SIZE C



TE Part #2103013-3
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



Documents

Product Drawings

[AS16, PLUG ASSY, HT, 03P, E SEAL, CODE C](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2320933-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2320933-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2320933-3_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