2320917-3 ✔ ACTIVE

AMP | AMPSEAL 16

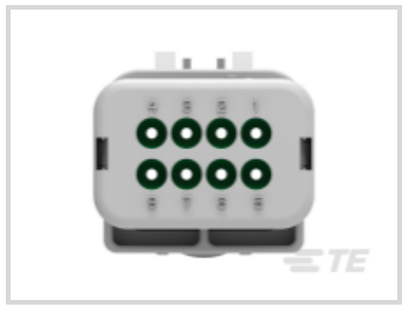
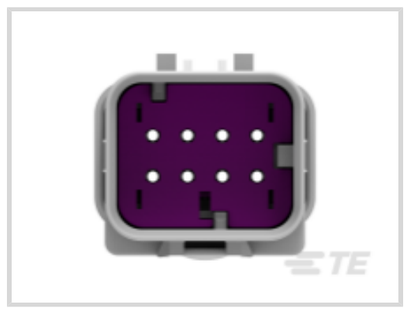
TE Internal #: 2320917-3

12 V, 8 Position, Automotive Housing for Male 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 Male Terminals**

Number of Positions: **8**

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 Male 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	8
Number of Rows	2

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	Pin
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

Row-to-Row Spacing	5.3 mm[.209 in]
Product Width	28.6 mm[1.126 in]
Product Length	47.55 mm[1.872 in]
Connector Height	26.65 mm[1.049 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	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	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: Dodecamethylcyclohexasiloxane (D6) (.5% in 27520038504) Decamethylcyclopentasiloxane (D5) (.5% in 27520038504) Octamethylcyclotetrasiloxane (D4) (.5% in 27520038504) **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

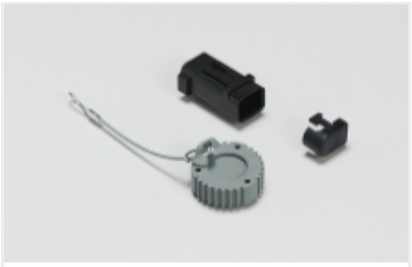


TE Part # 776441-1
AS 16, EXTRACTION TOOL

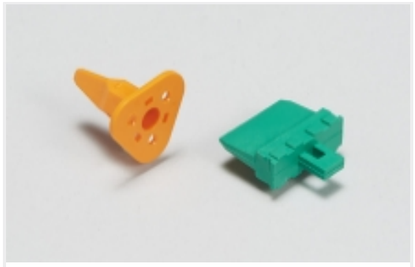


TE Part # CAT-AM7801-CH8172
AMPSEAL 16 Housings

Also in the Series | AMPSEAL 16



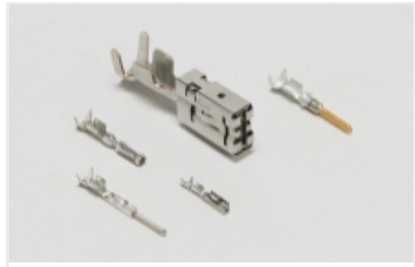
Automotive Connector Caps & Covers (93)



Automotive Connector Locks & Position Assurance(6)



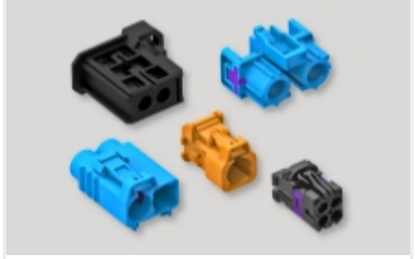
Automotive Housings(241)



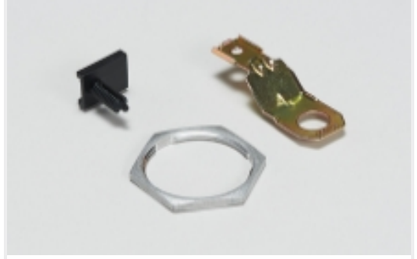
Automotive Terminals(35)



Connector Seals & Cavity Plugs(11)



Data Connectivity Housings(8)



Other Automotive Connector Accessories(8)

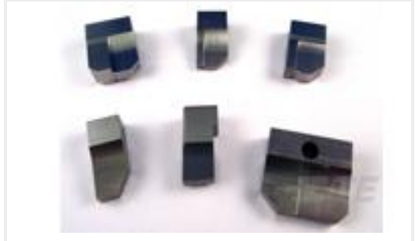
Customers Also Bought



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



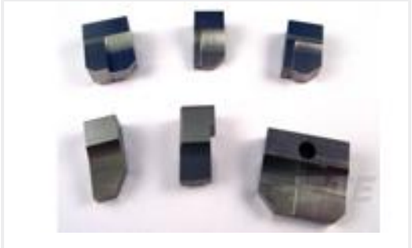
TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



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



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



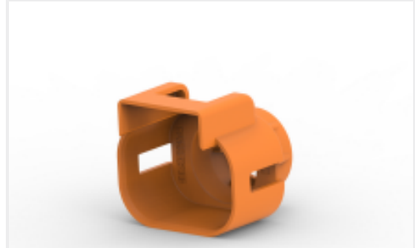
TE Part #4-1633932-0
ANVIL, COMBINATION



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



TE Part #2177090-3
STEEL,OUTER FERRULE,8MM HV, 25SQMM



TE Part #2208669-3
8MM HV, CONTACT,ASSY

Documents

Product Drawings

AS16,CAP ASSY,HT,08P,N SEAL,CODE C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2320917-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2320917-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2320917-3_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