

#### AMP | AMPSEAL 16

TE Internal #: 1717676-1

8 Position Housing, Cap, Wire-to-Wire, 4.5 mm [.177 in] Centerline,

Sealable, Black, Wire & Cable, Cable Mount (Free-Hanging),

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











Number of Positions: 8

Connector & Housing Type: Cap

Mating Pin Diameter: 1.5 mm [.059 in]

Connector System: Wire-to-Wire
Centerline (Pitch): 4.5 mm [ .177 in ]

All AMPSEAL 16 Housings (224)

#### **Features**

#### **Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	8
Number of Rows	2
Electrical Characteristics	

250 VDC

Operating Voltage



#### **Body Features**

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

#### **Contact Features**

Contact Size	1.5mm
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.059 in]

### Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

## **Housing Features**

Housing Material	PBT GF15
Centerline (Pitch)	4.5 mm[.177 in]

#### **Dimensions**

Row-to-Row Spacing	5.3 mm[.209 in]
Product Width	47.55 mm[1.872 in]
Product Length	28.6 mm[1.126 in]
Connector Height	26.8 mm[1.055 in]

# **Usage Conditions**

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

# **Industry Standards**

IP Rating	IP67
UL Flammability Rating	UL 94HB

## Packaging Features

Packaging Quantity	50
Packaging Method	Bag

#### Other



Connector Position Assurance Capable	No	
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#### **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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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-T273 AMPSEAL 16 CONTACTS



TE Part # CAT-AM7801-M8649 AMPSEAL 16 Connectors Mounting



TE Part # CAT-AM7801-T618

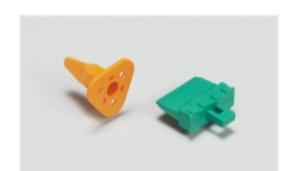
Removal Tools — AMPSEAL 16



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



# Also in the Series | AMPSEAL 16



Position Assurance(6)









Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(8)



Rectangular Backshells & Clamps(74)

# Customers Also Bought









DUST CAP, 18SZ, PLG, AL, NO LANYARD,HD30



2POS,1.2X0.6,TAB HSG ASSY,SLD, COD A





TE Part #CAT-AM7801-CH8172

AMPSEAL 16 Housings



TE Part #DT06-12SB-CE05
PLG, 12P, BLK, E, SEAL RET,ENH KEY,
CAP.B

TE Part #4011-202-0800 EXT TOOL, SIZE 8, 8-10 AWG, CE, GRN TE Part #4062-004-08141 SOC, SOLID, SIZE 8, 8AWG, NI

#### **Documents**

#### **Product Drawings**

CAP ASSY,8P,BRACKET REVERSE TYPE,ATAC CO

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1717676-1\_E.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1717676-1\_E.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1717676-1\_E.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

#### Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

**CONNECTOR SELECTOR** 

English

# **Product Specifications**

**Application Specification** 

English