# 1717676-1  ✓ ACTIVE

**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

**View on TE.com >**

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

| | |
|---|---|
| Operating Voltage | 250 VDC |

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**TE** connectivity

## 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

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| | |
|---|---|
| Connector Position Assurance Capable | No |

## Product Compliance

| | |
|---|---|
| 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)<br><br>Candidate List Declared Against: JAN 2025 (247)<br><br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in 27520038504)<br>Decamethylcyclopentasiloxane (D5) (.5% in 27520038504)<br>Octamethylcyclotetrasiloxane (D4) (.5% in 27520038504)<br>**Article Safe Usage Statements:**<br>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

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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
Clips

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

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

TE Part # 776494-1
AS16,PLUG ASSY,ST,08P,N SEAL,
CODE A

## Also in the Series | AMPSEAL 16

Automotive Connector Locks &
Position Assurance(6)

Automotive Housings(239)

Connector Backshells(84)

Connector Seals & Cavity Plugs(10)

Data Connectivity Headers(2)

Data Connectivity Housings(3)

Other Automotive Connector
Accessories(8)

Rectangular Backshells & Clamps(74)

## Customers Also Bought

TE Part #K1139699
Micro Switch MDH1 061 221 030

TE Part #1717138-5
025/040 SEALED 44POS PLUG ASSY

TE Part #HDC34-18-1E
DUST CAP, 18SZ, PLG, AL, NO
LANYARD,HD30

TE Part #2292937-1
2POS,1.2X0.6,TAB HSG ASSY,SLD,
COD A

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8 Position Housing, Cap, Wire-to-Wire, 4.5 mm [.177 in] Centerline, Sealable, Black, Wire & Cable, Cable Mount (Free-Hanging), AMPSEAL 16

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