# 1717934-2 ✔ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 1717934-2

Cap, Wire-to-Wire, 12 Position, 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







Connector System: **Wire-to-Wire**

Number of Positions: **12**

Connector & Housing Type: **Cap**

Centerline (Pitch): **4.5 mm [ .177 in ]**

Sealable: **Yes**

All AMPSEAL 16 Housings (224)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 12 |
| Number of Rows | 2 |

### Electrical Characteristics

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

## Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | B |

## Contact Features

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

## Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | Yes |
| Strain Relief | Without |
| 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

| | |
|---|---|
| Connector Height | 26.8 mm[1.055 in] |
| Product Width | 47.55 mm[1.872 in] |
| Product Length | 37.6 mm[1.48 in] |
| Row-to-Row Spacing | 5.3 mm[.209 in] |

## Usage Conditions

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

## Industry Standards

| | |
|---|---|
| Degree of Protection | IP67 |
| UL Flammability Rating | UL 94HB |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 25 |
| Packaging Method | Bag |

## Other

| | |
|---|---|
| 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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)<br>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)<br>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)<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



TE Part # 776533-2
AS16,PLUG ASSY,ST,12P,E SEAL, CODE B



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



TE Part # CAT-AM7801-T273
AMPSEAL 16 CONTACTS



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



TE Part # CAT-AM7801-P729
AMPSEAL 16 Connectors Sealing Plugs

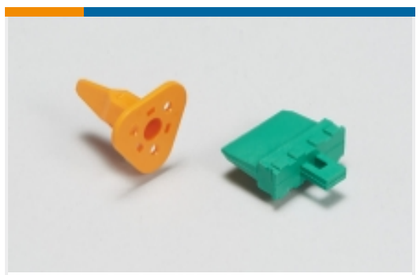


TE Part # CAT-AM7801-B128
AMPSEAL 16 Connectors Backshell

## Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (3)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(84)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

## Customers Also Bought



TE Part #DT04-12PD-CE07
REC, 12P, BRN, E, ENH KEY, CAP, D



TE Part #776433-3
AMPSEAL 16 Housings



TE Part #1717138-4
025/040 SEALED 44POS PLUG ASSY



TE Part #6-1105150-1
HSS-C-Sti.Ag.25,0 qmm

## Documents

### Product Drawings

CAP ASSY,12P,BRACKET REVERSE TYPE,ATAC C

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717934-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717934-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717934-2_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

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Global Electronic Components Distributor

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## TE Connectivity:

1-962915-1 175977-2 2005330-1 2310537-1 SMW73R0JT 3-1393225-0 CPF0402B37K4E1 CRGCQ2010J3K3 SBCHE154R7K U5254-000005-030PA TE50BR39J 3430B2F51RTDF 3631B101LL 917696-1 2380312-2 1393431-1 1969656-1 2-292161-3 2377783-2 ROX05SJ18R 1743455-2 650075-000 2834055-1 MPT100C18RF 1-794222-0 141991-2 1903112-2 936348-1 RH73H2A40MKTN SBCHE64R7K