1717975-2 ✔ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 1717975-2

Housing for Male Terminals, Wire-to-Wire, 6 Position, 4.5 mm [.177 in] Centerline, Sealable, Black, Wire & Cable, Power, AMPSEAL 16

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Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



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

Number of Positions: **6**

Connector & Housing Type: **Housing for Male Terminals**

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	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	6
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	Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.062 in]
Contact Current Rating (Max)	13 A

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[1.05 in]
Product Width	47.55 mm[1.87 in]
Product Length	24.6 mm[.968 in]
Row-to-Row Spacing	5.3 mm[.209 in]
Compatible Insulation Diameter Range	1.3 – 2.3 mm[.051 – .131 in]
Wire Size	.5 – 2 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	50
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) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **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 # 776531-2
AS16,PLUG ASSY,ST,06P,E SEAL, CODE B



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



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

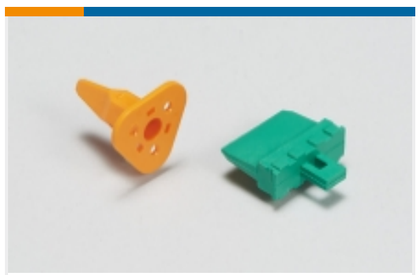


TE Part # CAT-AM7801-P729
AMPSEAL 16 Connectors Sealing Plugs

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



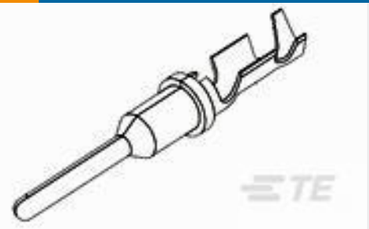
TE Part #776434-2
AS16,CAP ASSY,ST,06P,N SEAL,CODE B



TE Part #1-1564412-1
Heavy Duty Sealed Connector Series Housings



TE Part #170037-1
187 FASTON,REC.,20-16 AWG,BR



TE Part #776300-1
PIN CONTACT WIRE TO WIRE LOOSE

TE Part #1241978-1
TIMER, RECEPTACLE AND TAB



TE Part #1241402-1
AMP MCP 6.3/4.8K, CONTACT

Documents

Product Drawings

CAP ASSY,6P,BRACKET REVERSE TYPE,ATAC CO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717975-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717975-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717975-2_D.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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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