

1717675-3 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 1717675-3

6 Position Housing, Housing for Male Terminals, Wire-to-Wire, 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



Number of Positions: 6

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

Mating Pin Diameter: 1.5 mm [.062 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	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

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

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

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]
Compatible Insulation Diameter Range	2.2 – 3.9 mm[.086 – .153 in]
Product Width	47.55 mm[1.87 in]
Product Length	24.6 mm[.968 in]
Connector Height	26.6 mm[1.05 in]
Wire Size	20 – 14 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
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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:
 Dodecamethylcyclhexasiloxane (D6) (.5% in 27519360982)
 Decamethylcyclopentasiloxane (D5) (.5% in 27519360982)
 Octamethylcyclotetrasiloxane (D4) (.5% in 27519360982)

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.

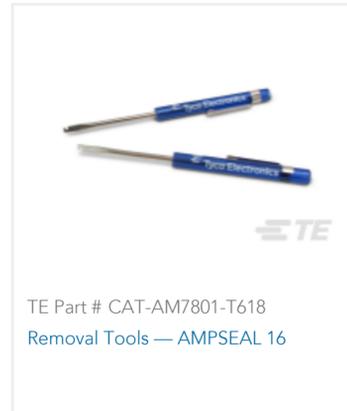
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability Not applicable for solder process capability

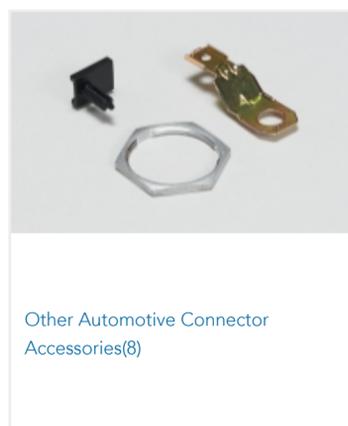
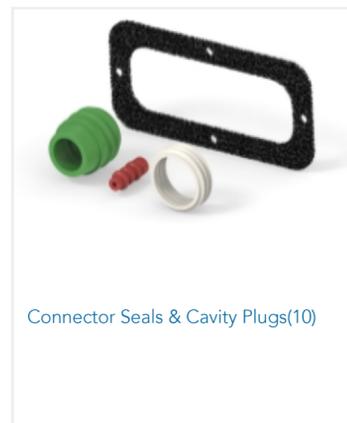
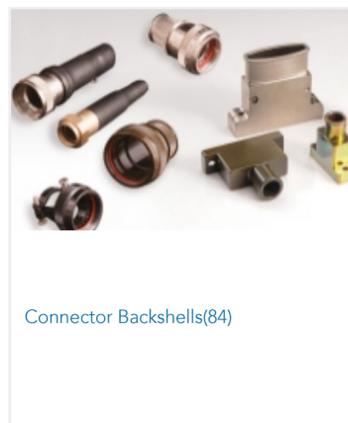
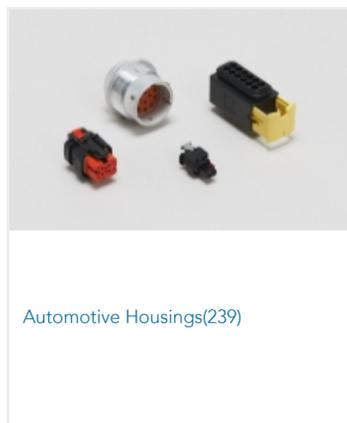
Product Compliance Disclaimer

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



Also in the Series | AMPSEAL 16



Customers Also Bought



Documents

Product Drawings

[CAP ASSY,6P,BRACKET REVERSE TYPE,ATAC CO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1717675-3_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1717675-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1717675-3_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

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