

776487-1 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776487-1

24 V / 240 V / 48 V, 4 Position, Automotive Plug, Wire-to-Wire, 5.3 mm [.209 in] Centerline, Sealable, Black, Wire & Cable, AMPSEAL 16

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



Nominal Voltage Architecture: 12 V, 24 V, 48 V, 240 V

Connector & Housing Type: Plug

Number of Positions: 4

Sealable: Yes

Operating Temperature Range: -40 – 125 °C [ -40 – 257 °F ]

[All AMPSEAL 16 Housings \(224\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	4
Number of Rows	2

### Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V, 240 V

### Body Features

Cable Exit Angle	180 °
Primary Product Color	Black



Connector & Keying Code	A
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### Contact Features

Contact Size	1.5mm
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.06 in]

### Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5.3 mm[.209 in]

### Dimensions

Row-to-Row Spacing	4.5 mm[.177 in]
Product Width	36.7 mm[1.445 in]
Product Length	25.33 mm[.997 in]
Connector Height	26.8 mm[1.055 in]

### Usage Conditions

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

### Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

### Packaging Features

Packaging Quantity	22
Packaging Method	Tube

### Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250)</p> <p>Candidate List Declared Against: JUNE 2025 (250)</p> <p>SVHC &gt; Threshold:</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in 27519360984)</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in 27519360984)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in 27519360984)</p> <p><b>Article Safe Usage Statements:</b> Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2302492-1  
AS16, PLUG BACKSHELL KIT, RA, 04P, SMOOTH



TE Part # 2098436-9  
Backshell, AS16, 4P, 90deg, NC12, LP, Cap



TE Part # CAT-AM7801-CH8172  
AMPSEAL 16 Housings



TE Part # 2292799-3  
AS16, PLUG BACKSHELL KIT, ST, 04P, NC12



TE Part # 2302492-3  
AS16, PLUG BACKSHELL KIT, RA, 04P, NC12



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



TE Part # 2035366-9  
Backshell, AS16, 4P, 90Deg, NC12, LP, Plug



TE Part # 2098436-7  
Backshell, AS16, 4P, 90deg, NC08, LP, Cap



TE Part # 2302492-2  
AS16, PLUG BACKSHELL KIT, RA, 04P, NC16



TE Part # CAT-AM7801-T273  
Contacts: Size 16, 13A



TE Part # 2292799-2  
AS16, PLUG BACKSHELL KIT, ST, 04P, NC16

## Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (93)



Automotive Housings (241)



Automotive Terminals (35)



Data Connectivity Housings (8)



Other Automotive Connector Accessories (8)

## Customers Also Bought



TE Part #K1163308  
LEUCHTMELDER TS-201-GE12



TE Part #K1140089  
Battery Disconnecter 35-411-101-R



TE Part #K1160479  
Push button switch TS-211-GE11



TE Part #DT06-3S-EP04  
PLG, 3P, GRY, N, CAP



TE Part #DT04-3P-EP04  
REC, 3P, GRY, N, CAP



TE Part #776363-1  
SEALING PLUG, SZ 16 CAVITY



TE Part #CAT-AM7801-CH8172  
AMPSEAL 16 Housings



TE Part #0830956003  
RBK-85-NR5100/A-X-12MM

## Documents

### Product Drawings

[AS16,PLUG ASSY,ST,04P,N SEAL,CODE A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_776487-1\\_E\\_c-776487-1-e.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_776487-1\\_E\\_c-776487-1-e.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_776487-1\\_E\\_c-776487-1-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

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## Instruction Sheets

### Instruction Sheet (U.S.)

English