

### AMP | AMPSEAL 16

TE Internal #: 776522-4

Housing for Female Terminals, Wire-to-Wire, 2 Position, .177 in [4.5 mm] Centerline, Sealable, Green, Cable Mount (Free-Hanging),

AMPSEAL 16

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Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 1.5 mm [ .059 in ]

Connector System: Wire-to-Wire

Number of Positions: 2

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

All AMPSEAL 16 Housings (226)

### **Features**

### **Product Type Features**

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Configuration Features	
Number of Positions	2
Number of Rows	1
Electrical Characteristics	
Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
Body Features	

180°

Green

Cable Exit Angle

Primary Product Color



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Connector & Keying Code	4
Contact Features	
Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.059 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PBT GF
Centerline (Pitch)	4.5 mm[.177 in]
Dimensions	
Connector Height	23.5 mm[.925 in]
Product Width	36.75 mm[1.447 in]
Product Length	20.33 mm[.8 in]
Usage Conditions	
Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][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	27
Packaging Method	Package
Other	
Serviceable	Yes



Connector Position Assurance Capable

Yes

### **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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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

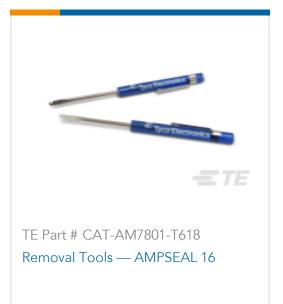










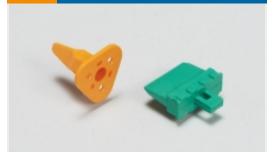




## Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



Automotive Seals & Cavity Plugs(4)



Automotive Terminals(33)



Data Connectivity Headers(2)

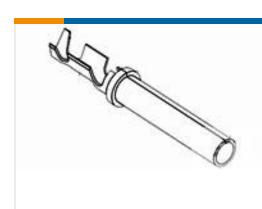


Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

## Customers Also Bought



TE Part #1924464-2 SOC, SF, SIZE 16, 18-20 AWG, NI/SN



TE Part #2040594-2 AMPSEAL 16 Housings



8POS MQS REC COD A





FLA-STE-GEH2,8 24P





### **Documents**

### **Product Drawings**

AS 16, 2P PLUG ASSY, RD, KEY 4

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_776522-4\_E\_c-776522-4-e.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_776522-4\_E\_c-776522-4-e.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_776522-4\_E\_c-776522-4-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

**Instruction Sheets** 

Instruction Sheet (U.S.)

English