776539-4 ~ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776539-4 Housing for Male Terminals, Wire-to-Wire, 12 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 System: Wire-to-Wire Number of Positions: 12 Connector & Housing Type: Housing for Male Terminals Centerline (Pitch): 4.5 mm [.177 in] Sealable: Yes

All AMPSEAL 16 Housings (226)

Features

Product Type Features

Mixed & Hybrid Connector

Connector Shape	Rectangular	
Connector System	Wire-to-Wire	
Connector & Housing Type	Housing for Male Terminals	
Sealable	Yes	
Primary Locking Feature	Integrated in Housing	
Configuration Features		
Number of Positions	12	
Number of Rows	2	
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		
Cable Exit Angle	180°	
Primary Product Color	Green	

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Connector & Keying Code	4
	4
Contact Features	
Contact Size	Size 16
Contact Type	Pin
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	26.65 mm[1.049 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)	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	125

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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm i

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

Housing for Male Terminals, Wire-to-Wire, 12 Position, .177 in [4.5 mm] Centerline, Sealable, Green, Cable Mount (Free-Hanging), AMPSEAL 16



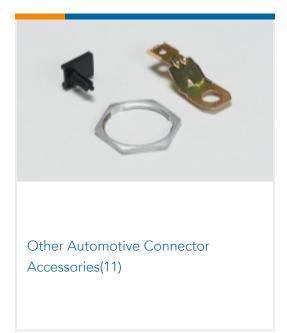




Also in the Series AMPSEAL 16



Automotive Connector Caps & Covers (1)	Automotive Connector Locks & Position Assurance(2)	Automotive Housings(244)	Automotive Terminals(33)
Connector Backshells(84)	Connector Seals & Cavity Plugs(4)	Data Connectivity Headers(2)	Data Connectivity Housings(3)

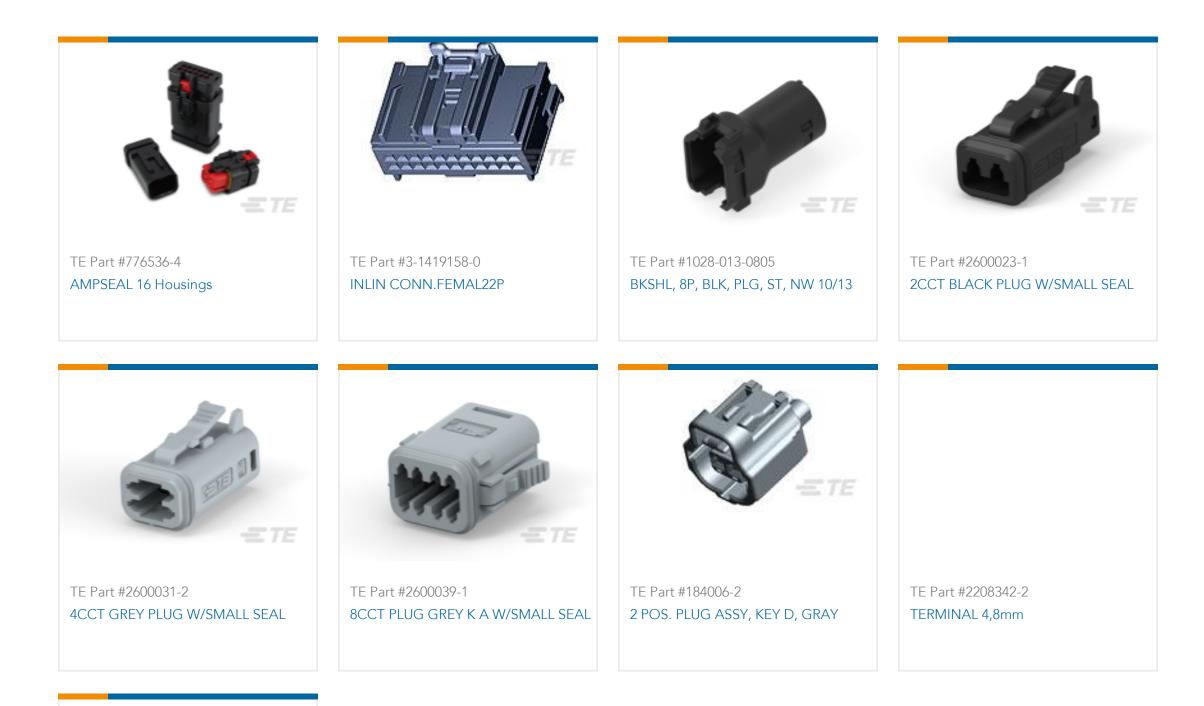


Customers Also Bought

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Documents

Product Drawings

AS 16, 12P CAP ASSY, RD, KEY 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776539-4_C_c-776539-4-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776539-4_C_c-776539-4-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776539-4_C_c-776539-4-c.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

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ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Instruction Sheets Instruction Sheet (U.S.)

English