776537-3 • ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776537-3 Housing for Male Terminals, Wire-to-Wire, 6 Position, .177 in [4.5 mm] Centerline, Sealable, Yellow, 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: 6

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	6				
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	Yellow				

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Connector & Keying Code Contact Features Contact Size Contact Type Mating Pin Diameter Contact Current Rating (Max)	3 Size 16
Contact Size Contact Type Mating Pin Diameter	
Contact Type Mating Pin Diameter	
Mating Pin Diameter	
	Pin
Contact Current Rating (Max)	1.5 mm[.059 in]
	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	24.6 mm[.969 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	300
Packaging Method	Package

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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 capabilit	

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

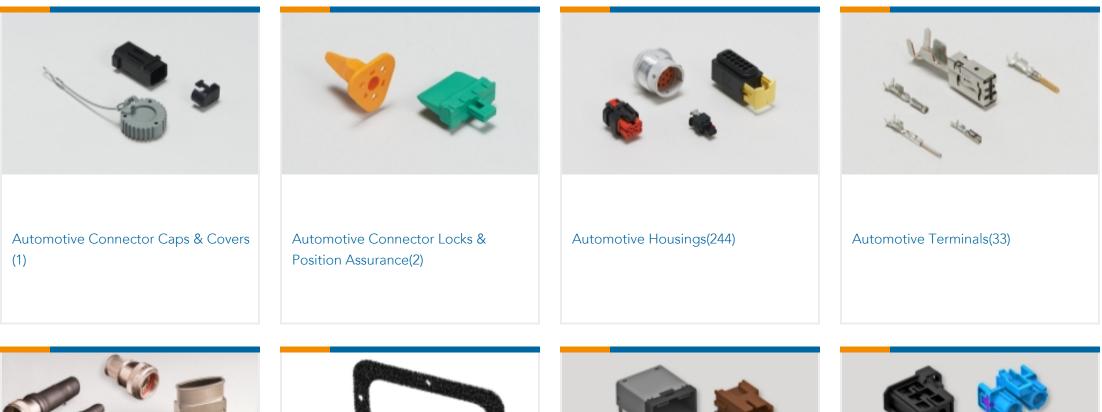


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Also in the Series | AMPSEAL 16



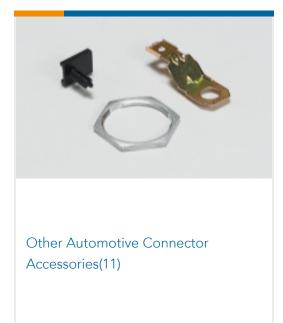








Connector Backshells(84)	Connector Seals & Cavity Plugs(4)	Data Connectivity Headers(2)	Data Connectivity Housings(3)



Customers Also Bought



Housing for Male Terminals, Wire-to-Wire, 6 Position, .177 in [4.5 mm] Centerline, Sealable, Yellow, Cable Mount (Free-Hanging), AMPSEAL 16







Documents

Product Drawings AS 16, 6P CAP ASSY, RD, KEY 3

English

CAD Files 3D PDF

3D

Customer View Model ENG_CVM_CVM_776537-3_C_c-776537-3-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776537-3_C_c-776537-3-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776537-3_C_c-776537-3-c.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