



Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > AMPSEAL 16 HOUSINGS



Connector Style: **Housing for male terminals**

Mating Pin Diameter: **1.5 mm [.059 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **12**

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

[All AMPSEAL 16 HOUSINGS \(153\)](#)

Features

Product Type Features

Connector Style	Housing for male terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Strain Relief	No
Row-to-Row Spacing	4 mm, 5.3 mm[.157 in][.209 in]

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
Operating Voltage	250 VDC

Body Features

Cable Exit Angle	180°
Body Material	PBT



Color	Gray
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Contact Features

Mating Pin Diameter	1.5 mm[.059 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

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

Height	26.8 mm[1.055 in]
Length	37.6 mm[1.48 in]
Width	47.55 mm[1.872 in]

Usage Conditions

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

Degree of Protection	IP67
UL Flammability Rating	UL 94-HB

Packaging Features

Packaging Method	Bag
Packaging Quantity	25

Other

Connector Position Assurance Capable	Yes
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)



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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

Automotive Connector Caps & Covers(6)

Automotive Seals & Cavity Plugs(1)

Automotive, Truck, Bus, & Off-Road Housings(1)

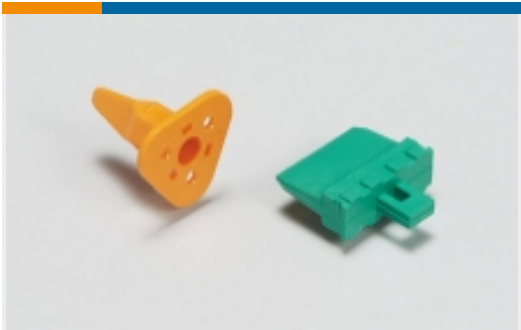
Automotive, Truck, Bus, & Off-Road Terminals(10)

Other Automotive Connector Accessories(5)

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers(75)



Automotive Connector Locks & Position Assurance (2)



Automotive Seals & Cavity Plugs(4)



Automotive, Truck, Bus, & Off-Road Headers(3)



Automotive, Truck, Bus, & Off-Road Housings(165)

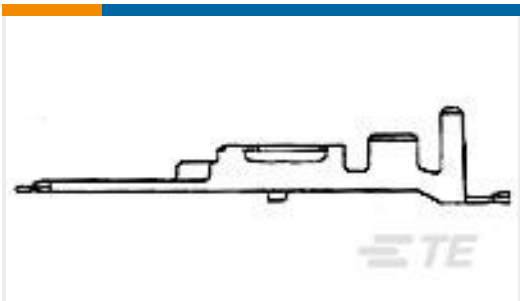


Automotive, Truck, Bus, & Off-Road Terminals(33)

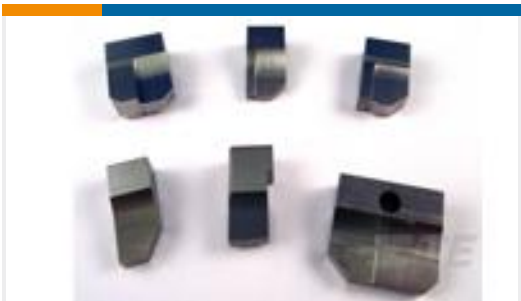


Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #172777-2
MIC MK-2 TAB CONTACT
AU



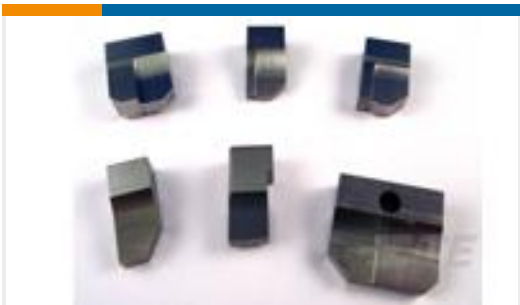
TE Part #1333227-6
ANVIL, SPECIAL (WIRE/B
ONLY)



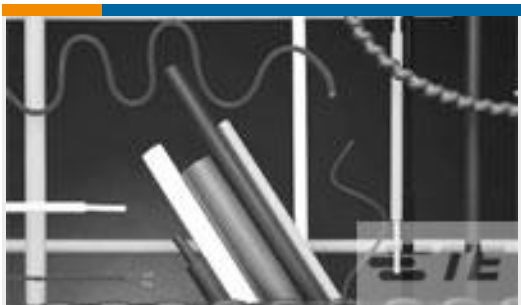
TE Part #2151191-2
OCEAN_2.0_APPLICATOR-
S-080F160O



TE Part #4-568176-6
CRIMPER,WIRE



TE Part #5-318711-1
ANVIL, COMBINATION



TE Part #5069826024
CGPT-3.2/1.6-0-25MM

Documents

Product Drawings

CAP ASSY,12P,BRACKET REVERSE TYPE,ATAC C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717677-2_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1717677-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1717677-2_E.3d_stp.zip](#)

English

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

Application Specification

English