776309-1 ✓ ACTIVE

AMP | **AMPSEAL 16**

TE Internal #: 776309-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, Sealable, Blue, Cable Mount (Free-Hanging), -40 – 105 °C [-40 – 221 °F], AMPSEAL 16

View on TE.com >

Connectors > Automotive Connectors > Connector Housings > AMPSEAL 16 Housings

Connector & Housing Type: **Housing for Male Terminals**

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

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

Number of Positions: **2**

Sealable: **Yes**

All AMPSEAL 16 Housings (226)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male 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	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

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Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Blue

Contact Features

Contact Type	Pin
Mating Pin Diameter	1.5 mm[.059 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Product Width	48.6 mm[1.913 in]
Product Length	19.8 mm[.78 in]
Product Height	13.6 mm[.535 in]
Row-to-Row Spacing	6.3 mm[.248 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	550
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

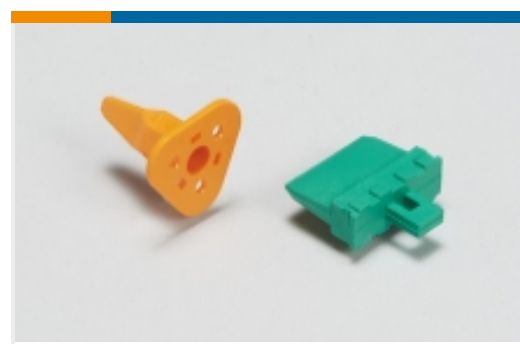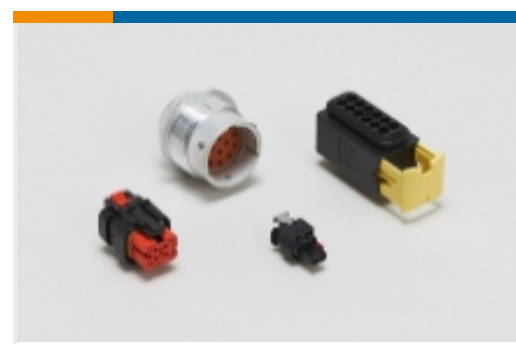|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

TE Part # 282080-1

AMP SUPERSEAL 1.5 SERIES 2P PL

TE Part # 776540-1

776310-1 SECONDARY LOCK WITH 120 OHM 1/2

TE Part # 173631-7

070 MLC REC CONT 20-16 GOLD

TE Part # 281934-2

SINGLE WIRE SEAL

Also in the Series | AMPSEAL 16

Housing for Male Terminals, Wire-to-Wire, 2 Position, Sealable, Blue, Cable Mount
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Automotive Connector Caps & Covers
(85)

Automotive Connector Locks &
Position Assurance(2)

Automotive Housings(241)

Automotive Seals & Cavity Plugs(4)

Automotive Terminals(33)

Data Connectivity Headers(2)

Data Connectivity Housings(3)

Other Automotive Connector
Accessories(11)

Documents

Product Drawings
CAP HOUSING 2 POSITION

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_776309-1_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_776309-1_B.3d_igs.zip

English

Customer View Model
ENG_CVM_776309-1_B.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

Product Specifications
Application Specification

English

Instruction Sheets
Instruction Sheet (U.S.)

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