



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**

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

[All AMPSEAL 16 HOUSINGS \(226\)](#)

Features

Product Type Features

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	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

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Green
Connector Code	4



Contact Features

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

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized

Housing Features

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

Product Width	47.55 mm[1.872 in]
Product Length	19.6 mm[.772 in]
Product Height	18.93 mm[.745 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 – 125 °C[-40 – 257 °F][-40 – 257 °F]

Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	400
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
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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 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
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 # CAT-AM7801-T618
AMPSEAL 16 REMOVAL TOOLS




TE Part # CAT-AM7801-T273
AMPSEAL 16 CONTACTS




TE Part # CAT-AM7801-CH8172
AMPSEAL 16 HOUSINGS



TE Part # CAT-AM7801-M8649
AMPSEAL 16 MOUNTING CLIPS



TE Part # CAT-AM7801-P729
AMPSEAL 16 SEALING PLUGS



TE Part # CAT-AM7801-B128
AMPSEAL 16 BACKSHELLS

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers
(76)

Automotive Connector Locks &
Position Assurance(2)

Automotive Headers(3)

Automotive Housings(237)

Automotive Seals & Cavity Plugs(4)

Automotive Terminals(33)

Other Automotive Connector
Accessories(11)

Customers Also Bought

TE Part #1532214-1
M83513/01-FN, MCKS-N1-B-37PS

TE Part #1924487-1
AMPSEAL 16 MOUNTING CLIPS

TE Part #2098250-1
AMPSEAL 16 CONTACTS

TE Part #YDTS24Z25-29PN0000
Jam Nut: D38999, 25-29 Insert, Black
Zinc Nickel Plating

TE Part #2138853-1
WIRE EXIT COVER, AMPSEAL 16 HL

TE Part #2035366-7
AMPSEAL 16 BACKSHELLS

TE Part #1-690459-0
SHEAR HOLDER FRONT

TE Part #1718968-1
ROUND NUT M28x1.5

Documents

Product Drawings
AS 16, 2P CAP ASSY, KEY 4
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_776428-4_D_c-776428-4-d.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_776428-4_D_c-776428-4-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776428-4_D_c-776428-4-d.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