



Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Connector System: Wire-to-Wire

Number of Positions: 4

Connector & Housing Type: Plug

Centerline (Pitch): 5.3 mm [.209 in]

Sealable: Yes

[All AMPSEAL 16 Housings \(224\)](#)

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing
Mixed & Hybrid Connector	No
Connector Shape	Rectangular

Configuration Features

Number of Positions	4
Number of Rows	2

Housing Features

Centerline (Pitch)	5.3 mm[.209 in]
Housing Material	PBT GF

Contact Features

Mating Pin Diameter	1.5 mm[.06 in]
Contact Size	1.5mm



Contact Type	Socket
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Body Features

Primary Product Color	Black
Connector & Keying Code	D
Cable Exit Angle	180°

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Other

Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Electrical Characteristics

Operating Voltage	250 VDC
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Dimensions

Row-to-Row Spacing	4.5 mm[.177 in]
Product Width	36.7 mm[1.445 in]
Product Length	25.33 mm[.997 in]
Connector Height	26.8 mm[1.055 in]

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	22
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Packaging Method

Tube

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <b>Article Safe Usage Statements:</b> 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	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-B128  
AMPSEAL 16 Connectors Backshell



TE Part # CAT-AM7801-CH8172  
AMPSEAL 16 Housings



TE Part # CAT-AM7801-T273  
AMPSEAL 16 CONTACTS



TE Part # CAT-AM7801-T618  
Removal Tools — AMPSEAL 16



TE Part # 776363-1  
SEALING PLUG, SZ 16 CAVITY



TE Part # 2272179-3  
AMPSEAL 16 PERIPHERAL SEAL 4P - SERVICE


Also in the Series | AMPSEAL 16




Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(6)




Automotive Housings(239)



Automotive Terminals(35)



Connector Backshells(88)




Connector Seals & Cavity Plugs(10)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(8)

Customers Also Bought



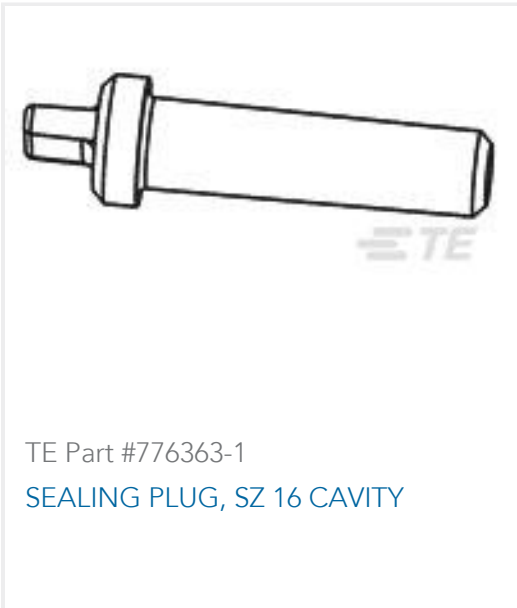
TE Part #HDP24-24-7PN-C038  
REC, 7P, BLK, N, 4AWG, 4/16, P



TE Part #776487-1  
AMPSEAL 16 Housings



TE Part #776493-1  
AMPSEAL 16 CONTACTS



TE Part #776363-1  
SEALING PLUG, SZ 16 CAVITY



TE Part #1452158-1  
MQS1,5 Sn rec CB unseal. 0,35-0,5

Documents

Product Drawings

AS16,PLUG ASSY,ST,04P,N SEAL,CODE D

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_776487-4\_E\_c-776487-4-e.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_776487-4\_E\_c-776487-4-e.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_776487-4\_E\_c-776487-4-e.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