776538-1 ✔ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776538-1

Cap, Wire-to-Wire, 8 Position, 4.5 mm [.177 in] Centerline, Sealable, Black, Wire & Cable, Cable Mount (Free-Hanging), AMPSEAL 16

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



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

Number of Positions: **8**

Connector & Housing Type: **Cap**

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

Sealable: **Yes**

All AMPSEAL 16 Housings (224)

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

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

Contact Features

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

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	28.6 mm[1.126 in]
Row-to-Row Spacing	5.3 mm[.209 in]

Usage Conditions

Operating Temperature (Max)	125 °C[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	1
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

Product Compliance

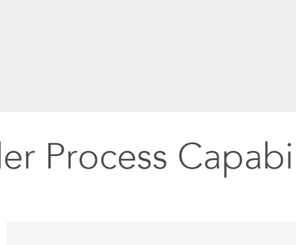
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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) 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

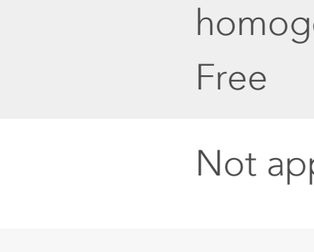
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

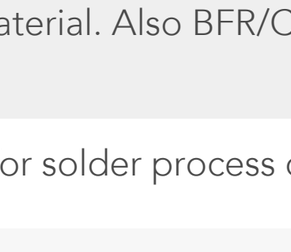


TE Part # CAT-AM7801-CH8172
AMPSEAL 16 Housings

TE Part # CAT-AM7801-M8649
AMPSEAL 16 Connectors Mounting Clips



TE Part # CAT-AM7801-T273
AMPSEAL 16 CONTACTS



TE Part # CAT-AM7801-P729
AMPSEAL 16 Connectors Sealing Plugs



TE Part # CAT-AM7801-B128
AMPSEAL 16 Connectors Backshell



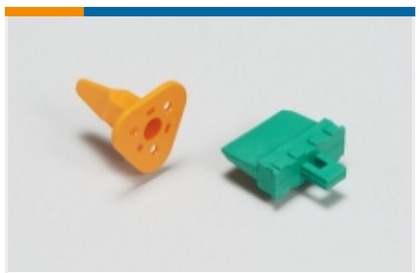
TE Part # CAT-AM7801-T618
Removal Tools — AMPSEAL 16

TE Part # 2448820-5
AS16,BLIND PLUG ASSY,ST,08P

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (3)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



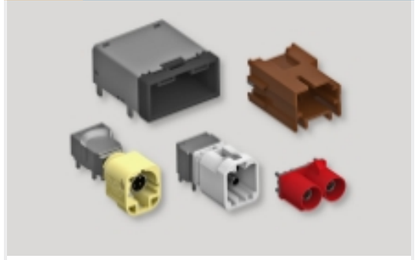
Automotive Terminals(35)



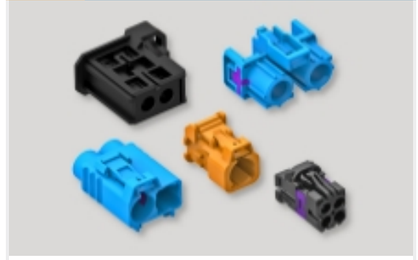
Connector Backshells(84)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #776532-2
AMPSEAL 16 Housings



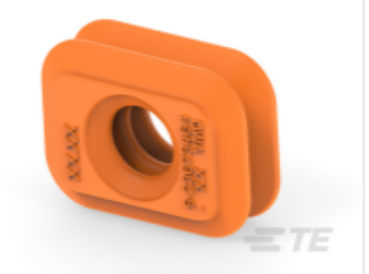
TE Part #2292864-3
AS16,CAP BACKSHELL KIT,ST,08P, NC16



TE Part #776297-2
AMPSEAL 16 CONTACTS



TE Part #172520-5
5P 2.5MM MINI AMP-IN HDR HSG



TE Part #9-2367346-1
SWS,HSD,CVTY DIA,RECTANGULAR



TE Part #825437-4
MOD II HDR R.A.



TE Part #YS8966
YAGI,SS,6,896-970MHz, 16,9dBi

Documents

Product Drawings

AS16,CAP ASSY,ST,08P,E SEAL,CODE A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776538-1_C_c-776538-1-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776538-1_C_c-776538-1-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776538-1_C_c-776538-1-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

Instruction Sheets

Instruction Sheet (U.S.)

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2-292161-3 2310537-1 2380312-2 2834055-1 650075-000 SBCHE64R7K TE50BR39J 1-962915-1 1969656-1 917696-1 RH73H2A40MKTN SBCHE154R7K 1393431-1 3631B101LL 936348-1 CRGCQ2010J3K3 ROX05SJ18R 175977-2 MPT100C18RF U5254-000005-030PA 2377783-2 3430B2F51RTDF CPF0402B37K4E1 1743455-2 SMW73R0JT 1903112-2 2005330-1 1-794222-0 141991-2 3-1393225-0