



Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Nominal Voltage Architecture: 12 V, 24 V, 48 V, 240 V
Connector & Housing Type: Cap
Number of Positions: 8
Sealable: Yes
Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

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

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V, 240 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Black



Connector & Keying Code	A
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Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	Glass-Filled PBT
Centerline (Pitch)	4.5 mm[.177 in]

Dimensions

Row-to-Row Spacing	5.3 mm[.209 in]
Product Width	47.55 mm[1.872 in]
Product Length	28.6 mm[1.126 in]
Connector Height	26.65 mm[1.049 in]

Usage Conditions

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

Industry Standards

IP Rating	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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2292864-2
AS16,CAP BACKSHELL KIT,ST,08P, NC20



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



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 # CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part # 2302485-1
AS16,CAP BACKSHELL KIT,RA,08P,
SMOOTH



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



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



TE Part # 2292864-1
AS16,CAP BACKSHELL KIT,ST,08P,
SMOOTH

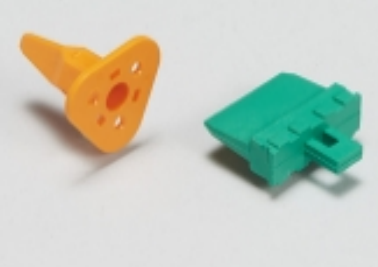


TE Part # CAT-AM7801-T273
Contacts: Size 16, 13A

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers
(93)



Automotive Connector Locks &
Position Assurance(6)



Automotive Housings(241)



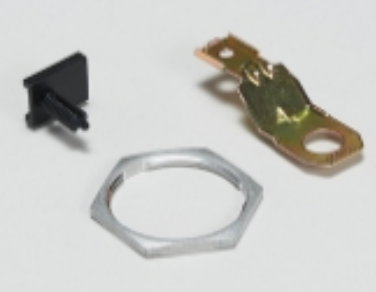
Automotive Terminals(35)



Connector Seals & Cavity Plugs(11)



Data Connectivity Housings(8)



Other Automotive Connector
Accessories(8)

Customers Also Bought



TE Part #371176-000
D-1744-02



TE Part #K1139065
Relay 31-211-12-E-906



TE Part #1-104257-3
14 MTE RCPT HSG SR LATCH .100



TE Part #160860-3
6,35 FASTIN-FASTON RECEP





TE Part #CAT-AM7801-CH8172
[AMPSEAL 16 Housings](#)



TE Part #825437-4
[MOD II HDR R.A.](#)



TE Part #826470-8
[2X8P MOD II SHROUDED HEADER, RT ANG.](#)



TE Part #540963-000
[RNF-100-3/8-BK-FSP](#)

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