776495-3 ✔ ACTIVE

AMP | AMPSEAL 16
TE Internal #: 776495-3
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 >

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

Connector System	Wire-to-Wire
Connector & Housing Type	Cap
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	8
Number of Rows	2

Housing Features

Centerline (Pitch)	4.5 mm[.177 in]
Housing Material	PBT GF

Contact Features

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

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Contact Type	Pin

Body Features

Primary Product Color	Black
Connector & Keying Code	C
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

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]

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

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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 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) **Article Safe Usage Statements:** 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

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

TE Part # CAT-AM7801-M8649

AMPSEAL 16 Connectors Mounting Clips

TE Part # CAT-AM7801-T273

AMPSEAL 16 CONTACTS

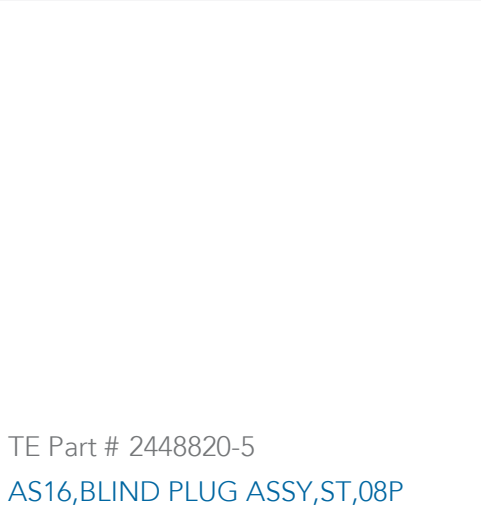TE Part # CAT-AM7801-B128

AMPSEAL 16 Connectors Backshell

TE Part # CAT-AM7801-T618

Removal Tools — AMPSEAL 16

TE Part # 776494-3

AS16,PLUG ASSY,ST,08P,N SEAL, CODE C

TE Part # 776363-1

SEALING PLUG, SZ 16 CAVITY

TE Part # 2448820-5

AS16,BLIND PLUG ASSY,ST,08P

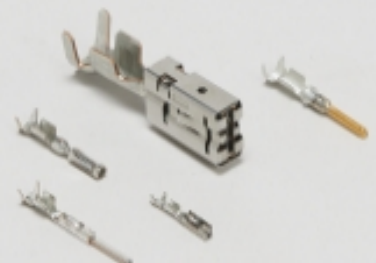## Also in the Series | AMPSEAL 16

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

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TE Part #1924487-3
MOUNTING CLIP, AMPSEAL 16

TE Part #DT06-2S-E005
PLG, 2P, BLK, N, CAP

TE Part #5787745-4
USB A R/A STAK ASSY THRU HOLE

TE Part #794616-2
FREE HANG DBL ROW HSG 2 POS

TE Part #154717-1
PL 250 REC TERMINAL 13-11 AWG BR

TE Part #776488-3
AMPSEAL 16 Housings

Documents

Product Drawings

AS16,CAP ASSY,ST,08P,N SEAL,CODE C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776495-3_D_c-776495-3-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776495-3_D_c-776495-3-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776495-3_D_c-776495-3-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

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Instruction Sheets

Instruction Sheet (U.S.)

English