BACA-AMP-216 ✔ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776428-3

AMPSEAL 16, Housing for Male Terminals, Wire-to-Wire, 2 Position, 4.5mm [.177in] Centerline, Sealable, Yellow

View on TE.com >

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	Yellow
Connector Code	3

Contact Features

Mating Pin Diameter	1.5 mm[.059 in]

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]

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

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: JAN 2021 (211) 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-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

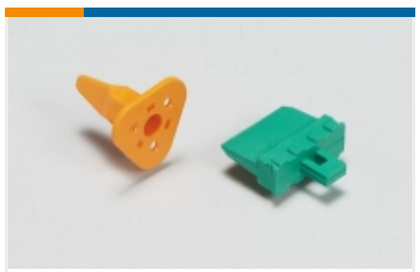


TE Part # CAT-AM7801-B128
AMPSEAL 16 BACKSHELLS

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (76)



Automotive Connector Locks & Position Assurance(2)



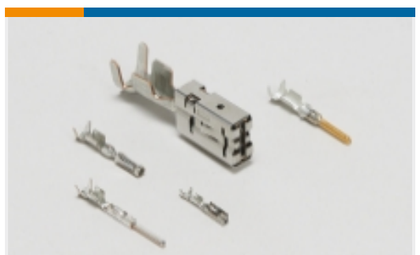
Automotive Headers(3)



Automotive Housings(237)



Automotive Seals & Cavity Plugs(4)

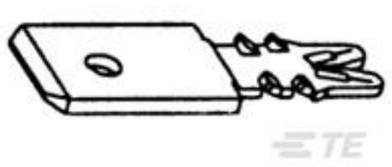


Automotive Terminals(33)

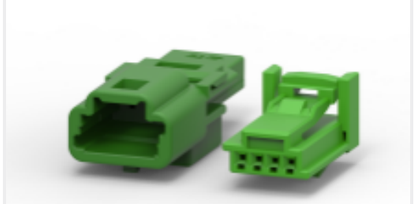


Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #2-1601002-2
131-004-002=TAB,250X032,STDSMZ



TE Part #1717138-4
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1924487-1
AMPSEAL 16 MOUNTING CLIPS



TE Part #2040594-6
AMPSEAL 16 HOUSINGS



TE Part #2098250-3
AMPSEAL 16 CONTACTS



TE Part #179461-5
250 FASTIN FASTON,REC.,20-14 AWG, TPBR



TE Part #HC5901
BATT.POST CLAMP -VE MK.3

Documents

Product Drawings

AS 16, 2P CAP ASSY, KEY 3

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776428-3_D_c-776428-3-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776428-3_D_c-776428-3-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776428-3_D_c-776428-3-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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English