



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: 6
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	6
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	C
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Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.062 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
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

Row-to-Row Spacing	5.3 mm[.209 in]
Compatible Insulation Diameter Range	1.3 – 3.3 mm[.051 – .131 in]
Product Width	47.5 mm[1.87 in]
Product Length	24.6 mm[.969 in]
Connector Height	26.6 mm[1.05 in]
Wire Size	20 – 14 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

Packaging Features

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Packaging Quantity	1
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in 27519360982) Decamethylcyclopentasiloxane (D5) (.5% in 27519360982) Dodecamethylcyclohexasiloxane (D6) (.5% in 27519360982) 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

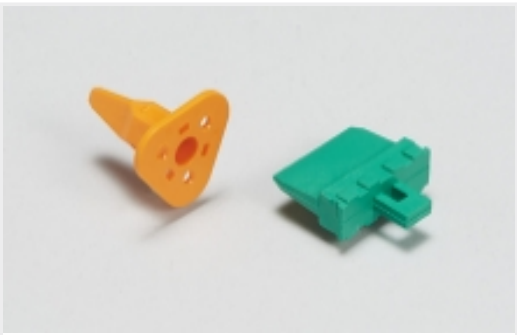
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-2035366-0 Backshell, AS16, 6P, 90Deg, NC12, LP, Plug	 TE Part # 2302493-3 AS16, PLUG BACKSHELL KIT, RA, 06P, NC12	 TE Part # 2302493-2 AS16, PLUG BACKSHELL KIT, RA, 06P, NC16
 TE Part # CAT-AM7801-T618 Removal Tools — AMPSEAL 16	 TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings	 TE Part # 2292863-2 AS16, CAP BACKSHELL KIT, ST, 06P, NC16	 TE Part # CAT-AM7801-M8649 AMPSEAL 16 Connectors Mounting Clips
 TE Part # 2292863-1 AS16, CAP BACKSHELL KIT, ST, 06P, SMOOTH	 TE Part # CAT-AM7801-T273 Contacts: Size 16, 13A	 TE Part # 1-2035366-2 Backshell, AS16, 6P, 90Deg, NC16, LP, Plug	 TE Part # 2448820-4 AS16, BLIND PLUG ASSY, ST, 06P
 TE Part # 2035366-8 Backshell, AS16, 6P, 90Deg, NC08, LP, Plug	 TE Part # 2302484-1 AS16, CAP BACKSHELL KIT, RA, 06P, SMOOTH	 TE Part # 776363-1 SEALING PLUG, SZ 16 CAVITY	 TE Part # 2302493-1 AS16, PLUG BACKSHELL KIT, RA, 06P, SMOOTH
 TE Part # 2292863-3 AS16, CAP BACKSHELL KIT, ST, 06P, NC12			

Also in the Series | AMPSEAL 16



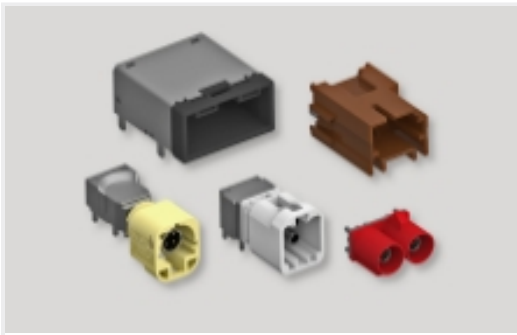
Automotive Connector Locks & Position Assurance(6)



Automotive Housings(241)



Automotive Seals & Cavity Plugs(11)



Data Connectivity Headers(9)



Other Automotive Connector Accessories(8)

Customers Also Bought



TE Part #DRCP25-86PAA-G005
HDR, 86P, BLK, ST, 12/20, SN/NI/CU, AA



TE Part #203540-1
GROUNDING CONN,14 POS



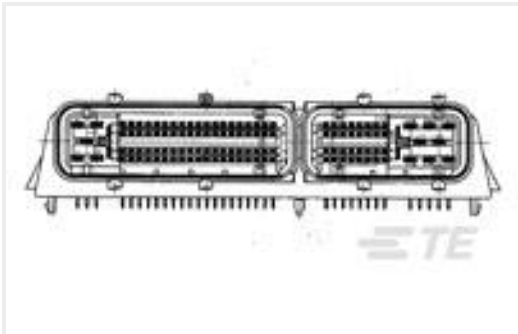
TE Part #203618-1
MALE J.S. ASSY. - SHORT



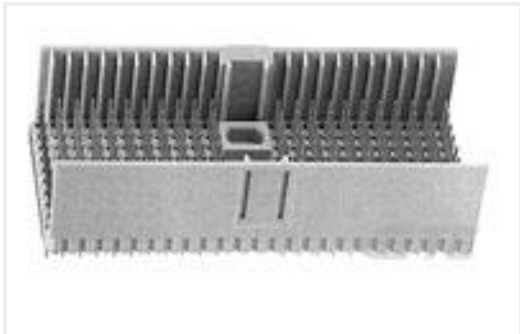
TE Part #CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part #7-1393114-3
KUHP-11DT1-24=KU



TE Part #1746979-1
ECU 121P HDR ASSY-PBT



TE Part #5646362-1
2MM HM ASY,T-D,HDR,8R,128P

Documents

Product Drawings
AS16,CAP ASSY,ST,06P,N SEAL,CODE C
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_776434-3_D_c-776434-3-d.2d_dxf.zip

776434-3

12 V / 24 V / 48 V, 6 Position, Automotive Cap, Wire-to-Wire, 4.5 mm [.177 in]
Centerline, Sealable, Black, Wire & Cable, Power, AMPSEAL 16



English

Customer View Model

[ENG_CVM_CVM_776434-3_D_c-776434-3-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776434-3_D_c-776434-3-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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English