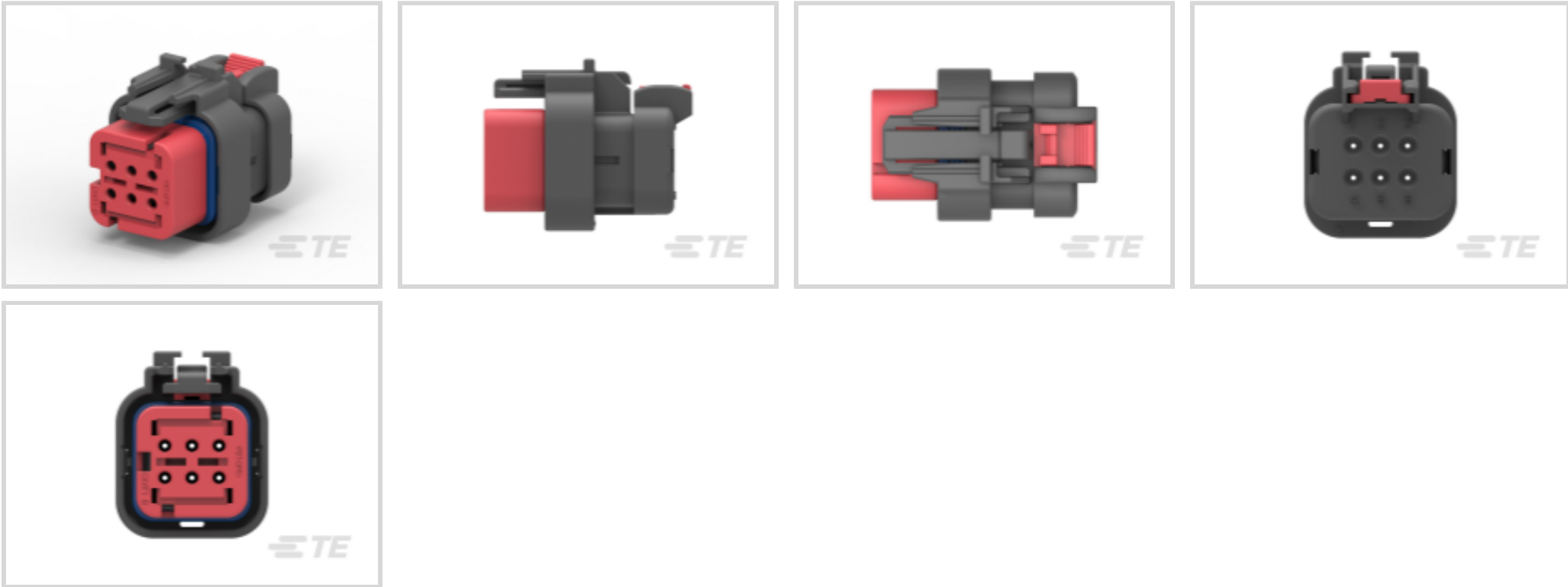




Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



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

Number of Positions: **6**

Connector & Housing Type: **Plug**

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	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

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

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
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	31 mm[1.22 in]
Product Width	36.6 mm[1.44 in]
Product Length	25.3 mm[.997 in]
Row-to-Row Spacing	5.3 mm[.209 in]
Compatible Insulation Diameter Range	1.3 – 3.3 mm[.051 – .131 in]
Wire Size	.5 – 2 mm ²

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67
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UL Flammability Rating

UL 94HB

Packaging Features

Packaging Quantity	22
Packaging Method	Tube

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) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer


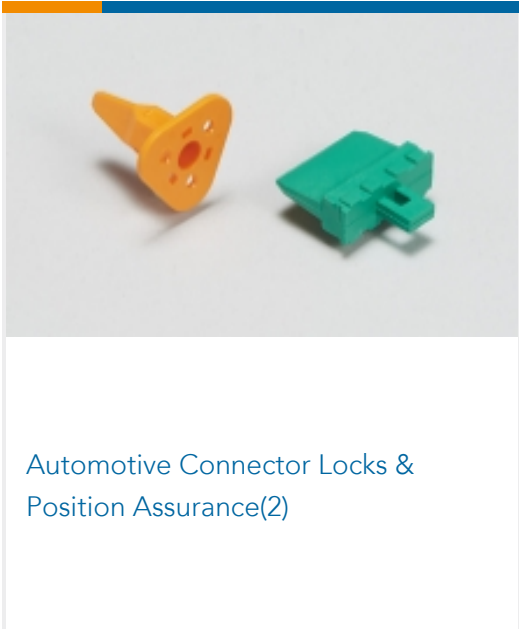
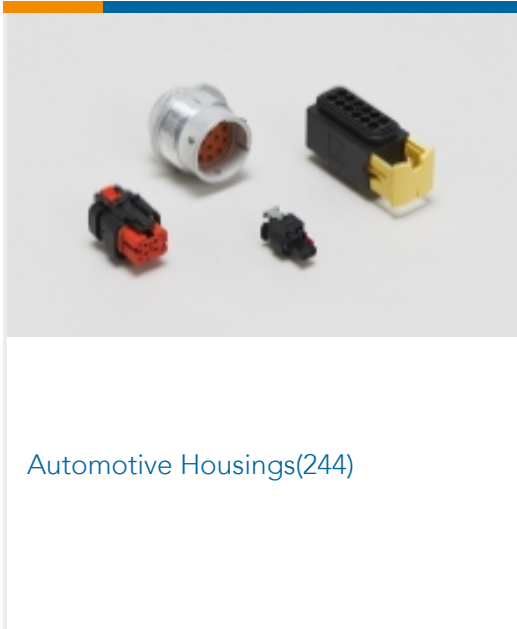
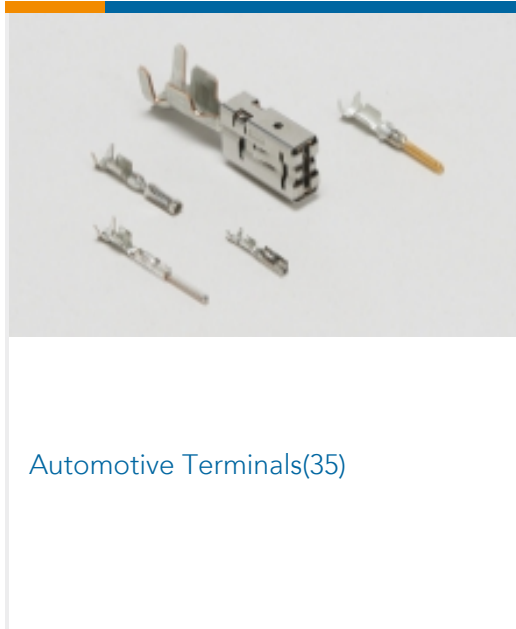




This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

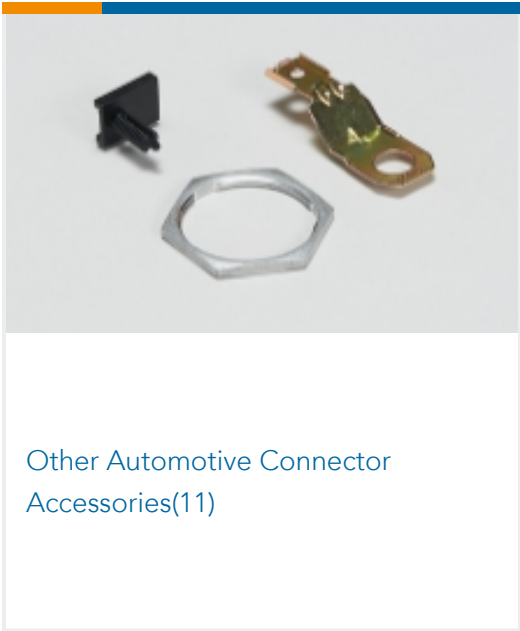


Compatible Parts

 <p>TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings</p>	 <p>TE Part # CAT-AM7801-B128 AMPSEAL 16 Connectors Backshell</p>	 <p>TE Part # CAT-AM7801-T273 AMPSEAL 16 CONTACTS</p>	 <p>TE Part # CAT-AM7801-T618 Removal Tools — AMPSEAL 16</p>
 <p>TE Part # 776364-1 SEALING PLUG, SZ 20 CAVITY</p>	 <p>TE Part # 2272179-4 AMPSEAL 16 PERIPHERAL SEAL 6P - SERVICE</p>		

Also in the Series | AMPSEAL 16

 <p>Automotive Connector Caps & Covers (3)</p>	 <p>Automotive Connector Locks & Position Assurance(2)</p>	 <p>Automotive Housings(244)</p>	 <p>Automotive Terminals(35)</p>
 <p>Connector Backshells(84)</p>	 <p>Connector Seals & Cavity Plugs(4)</p>	 <p>Data Connectivity Headers(2)</p>	 <p>Data Connectivity Housings(3)</p>



Customers Also Bought



Documents

Product Drawings
AS16,PLUG ASSY,ST,06P,E SEAL,CODE A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_776531-1_E_c-776531-1-e.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_776531-1_E_c-776531-1-e.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_776531-1_E_c-776531-1-e.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