



TE Internal #: 2449917-1  
Housing for Male Terminals, A, Cable-to-Cable, 1 Position,  
Sealable, Shielded, Cable Exit Angle 180°, Crimp (Standard), Data  
Connectivity Housings  
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Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings > AMPseal 16 Data Connectivity Housings



Connector & Housing Type: **Housing for Male Terminals**  
Connector & Keying Code: **A**  
Connector System: **Cable-to-Cable**  
Number of Positions: **1**  
Sealable: **Yes**

[All AMPseal 16 Data Connectivity Housings \(6\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Housing for Male Terminals
Connector System	Cable-to-Cable
Sealable	Yes

Configuration Features

Number of Positions	1
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Body Features

Connector & Keying Code	A
Cable Exit Angle	180°

Contact Features

Contact Type	Pin
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Termination Features

Termination Method to Wire & Cable	Crimp (Standard)
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Mechanical Attachment

Mating Retention	With
Panel Attachment Style	Rear Mount
Connector Mounting Type	Panel Mount

Housing Features

Housing Color	Water Blue
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Cable Type	Coaxial
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	USCAR-2
IP Rating	IP67, IPX9K

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 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <b>Article Safe Usage Statements:</b> 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 reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 776441-1  
AS 16, EXTRACTION TOOL



TE Part # 2355843-1  
1POS,COAX,SOC HSG ASSY,SLD



TE Part # CAT-AM7801-B128  
AMPSEAL 16 Connectors Backshell

Documents

Product Drawings  
CAP PIN ASSY, 1P, FLANGE, SEALED COAX  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_2449917-1\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2449917-1\_A.3d\_stp.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2449917-1\_A.3d\_igs.zip  
English

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Product Specifications

Application Specification

English