

2355843-1 ✓ ACTIVE



AMPSEAL 16

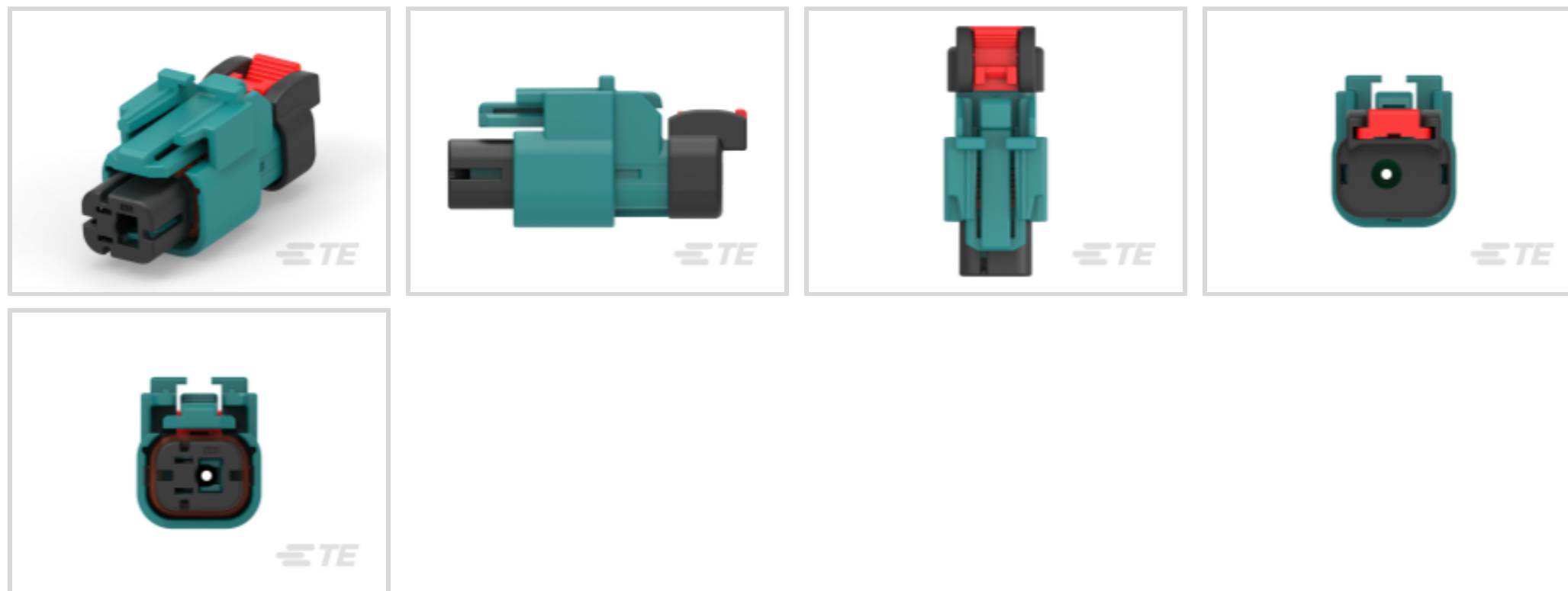
TE Internal #: 2355843-1

Housing for Female Terminals, A Code, Cable-to-Cable, 1 Position, Sealable, Shielded, 180° Cable Exit, Crimp, AMPSEAL 16, Data Connectivity Housings

[View on TE.com >](#)

[Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings >](#)

AMPSEAL 16 Connector with Coaxial Terminal Housings



Connector & Housing Type: **Housing for Female Terminals**

Mating Pin Diameter: **.4 mm [.016 in]**

Connector & Keying Code: **A**

Connector System: **Cable-to-Cable**

Number of Positions: **1**

[All AMPSEAL 16 Connector with Coaxial Terminal Housings \(6\)](#)

Features

Electrical Characteristics

Operating Voltage 60 VDC

Impedance 50 Ω

Signal Characteristics

Operating Frequency Range 0 – 6000 MHz

Packaging Features

Packaging Method Box & Tube

Packaging Quantity 660

Body Features

Body Material PA GF

Connector & Keying Code A

Cable Exit Angle 180°



Contact Features

Contact Type	Socket
Mating Pin Diameter	.4 mm[.016 in]

Product Type Features

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

Configuration Features

Number of Positions	1
---------------------	---

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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)

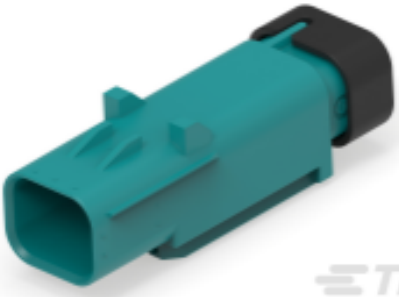

Article Safe Usage Statements:
 Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not 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 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 # 2338212-2 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>	<p>TE Part # 2338211-2 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>	<p>TE Part # 2338211-4 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>	<p>TE Part # 2338212-4 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>
 <p>TE Part # 2-2374559-1 1P AS16 CX, BLIND CAP KEY A, CONN KIT</p>	<p>TE Part # 2355843-2 1POS, COAX, SOC HSG ASSY, SLD</p>	<p>TE Part # 2355843-4 1POS, COAX, SOC HSG ASSY, SLD</p>	 <p>TE Part # CAT-AI5-ADH16 AMPSEAL 16 Connector with Coaxial Terminal Headers</p>



TE Part # 2356408-4
4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C



TE Part # 2355844-2
1POS,PIN DIA 2.5,HDR ASSY,180DEG



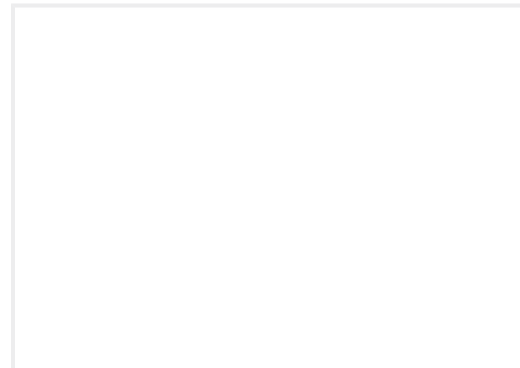
TE Part # 2420047-1
AMPSEAL16 COAX, 1P 90 DEG HDR, ASSY



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



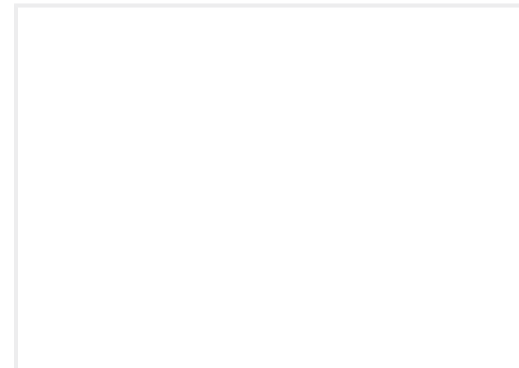
TE Part # 776441-1
AS 16, EXTRACTION TOOL



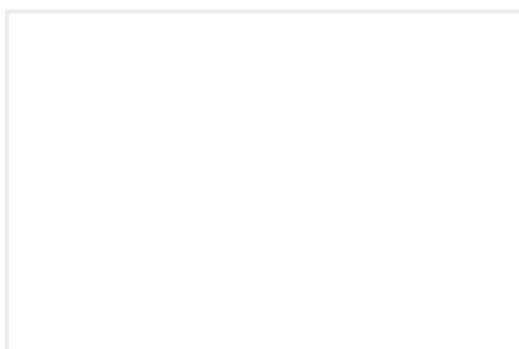
TE Part # 2356408-2
4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD B



TE Part # 2338211-3
CAP PIN ASSY, 4P, W2W, SEALED COAX



TE Part # 2338212-3
PLUG SOCKET ASSY, 4P, W2W, SEALED COAX



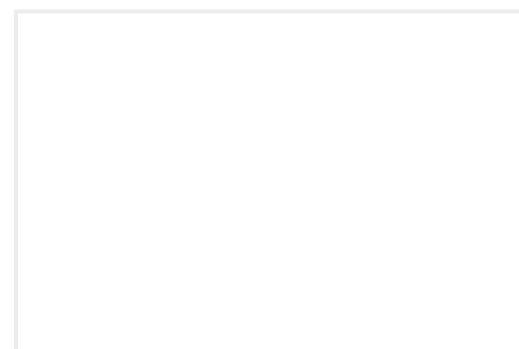
TE Part # 2355843-3
1POS,COAX,SOC HSG ASSY,SLD



TE Part # 2356408-3
4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C



TE Part # 2355844-4
1POS,PIN DIA 2.5,HDR ASSY,180DEG




TE Part # 2355835-1
TPA SOC HSG,1POS,MATE-AX


Also in the Series | **AMPSEAL 16**




Automotive Connector Locks & Position Assurance(6)



Automotive Housings(239)




Connector Backshells(88)



Connector Seals & Cavity Plugs(10)



Data Connectivity Headers(2)



Other Automotive Connector Accessories(8)



Rectangular Backshells & Clamps(74)

Customers Also Bought



TE Part #CAT-AI5-ADCH16
AMPSEAL 16 Connector with Coaxial Terminal Housings



TE Part #MAF94414
DIPOL,WCR,RPSMA 2.4GHZ,2DBI,GD PLATED



TE Part #PSQ24495-91NF
Panel,Dband,91CM,NF 2.4-6.0,5dBi



TE Part #S9025PRSMF
Panel,RHCP,fixed,SMAF 902-928MHz, 5dBiC,f



TE Part #S8655PRSMF
Panel,RHCP,FIXED,SMAF 865-870MHz, 5dBiC



TE Part #2298494-1
MATE-AX, Socket outer contact, RG 174



TE Part #2298506-1
MATE-AX, Pin outer contact, RG 174

Documents

Product Drawings

1POS,COAX,SOC HSG ASSY,SLD

English

1POS,COAX,SOC HSG ASSY,SLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2355843-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2355843-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2355843-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DATA CONNECTIVITY SOLUTIONS

English

Product Specifications

Application Specification

English

2355843-1

Housing for Female Terminals, A Code, Cable-to-Cable, 1 Position, Sealable, Shielded, 180° Cable Exit, Crimp, AMPSEAL 16, Data Connectivity Housings

