

2355844-1 ✓ ACTIVE



## AMPSEAL 16

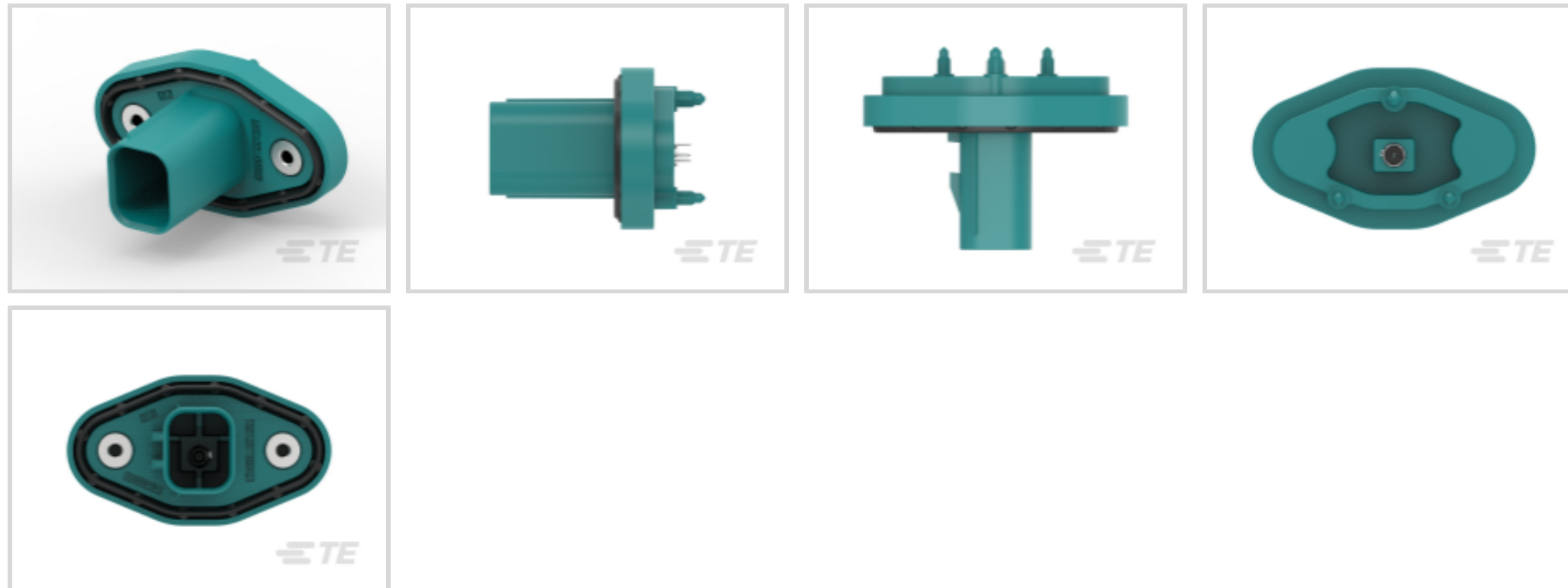
TE Internal #: 2355844-1

A Code, Cable-to-Board, 1 Position, Sealable, Shielded, Vertical, Signal, Board Mount, AMPSEAL 16, Data Connectivity Headers

[View on TE.com >](#)

Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers >

AMPSEAL 16 Connector with Coaxial Terminal Headers



Mating Pin Diameter: 2.5 mm [ .098 in ]

Connector & Keying Code: A

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

Number of Positions: 1

Sealable: **Yes**

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

## Features

### Housing Features

Housing Color	Water Blue
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### Electrical Characteristics

Impedance	50 Ω
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### Packaging Features

Packaging Method	Tray
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Packaging Quantity	40
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### Other

Outer Contact Plating Material	Tin (Sn)
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EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant with Exemptions
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### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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Connector System	Cable-to-Board
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Sealable	Yes
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### Contact Features

Mating Pin Diameter	2.5 mm[.098 in]
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### Body Features

Connector & Keying Code	A
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### Configuration Features

Number of Positions	1
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PCB Mount Orientation	Vertical
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
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Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Shielded	Yes
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Circuit Application	Signal
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)  Candidate List Declared Against: JAN 2024 (240)  SVHC &gt; Threshold:  Pb (4% in Component Part)</p>
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**Article Safe Usage Statements:**  
Do not eat, drink or smoke when using this product. 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 2356408-2 4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD B</p>	<p>TE Part # 2338211-3 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>	<p>TE Part # 2338212-3 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>	<p>TE Part # 2355843-3 1POS,COAX,SOC HSG ASSY,SLD</p>
<p>TE Part # 2356408-3 4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C</p>	 <p>TE Part # 2461552-1 1P,COAX,SEAL PLUG, AMPSEAL 16</p>	<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 # 2355843-2 1POS,COAX,SOC HSG ASSY,SLD</p>	<p>TE Part # 2355843-4 1POS,COAX,SOC HSG ASSY,SLD</p>



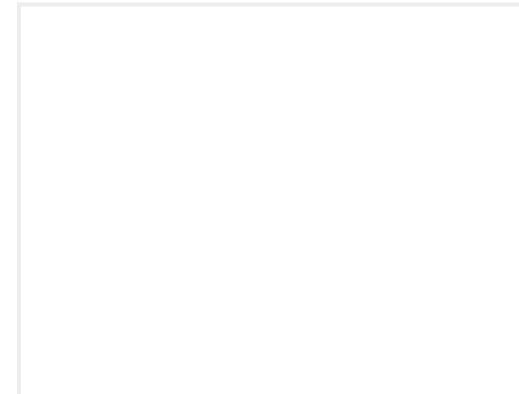
TE Part # 2356408-1  
4P,COAX,HDR ASSY,180DEG,COD A, SHORT



TE Part # 2356413-2  
COAX,SOLDER,180DEG




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




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

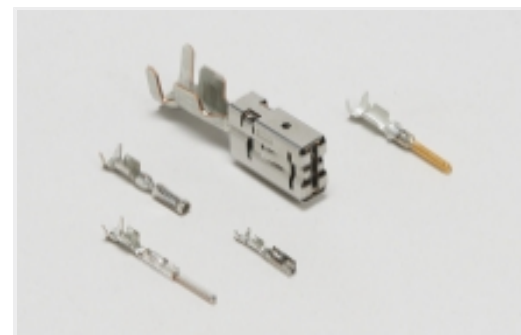
Also in the Series | **AMPSEAL 16**



Automotive Connector Caps & Covers (5)



Automotive Housings(239)



Automotive Terminals(35)



Data Connectivity Housings(3)



Rectangular Backshells & Clamps(74)

Customers Also Bought



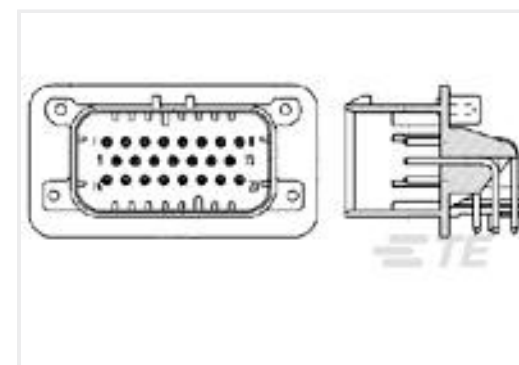
TE Part #2356408-1  
4P,COAX,HDR ASSY,180DEG,COD A, SHORT



TE Part #2325106-1  
ADAPTER,2POS,1.2X0.6,PIN HSG ASSY



TE Part #881545-2  
SHUNT LP W/HANDLE 2 POS 30AU



TE Part #1-776087-4  
23POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 4



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



TE Part #2339032-1  
2POS,TAB1.2X0.6,HDR ASSY,90DEG, SLDR



TE Part #63391-1  
093 FASTON TAB REC 22-18 AWG TPBR



## Documents

### Product Drawings

[1POS,PIN DIA 2.5,HDR ASSY,180DEG](#)

English

[1POS,PIN DIA 2.5,HDR ASSY,180DEG](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2355844-1\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2355844-1\\_B.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2355844-1\\_B.2d\\_dxf.zip](#)

English

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

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### Datasheets & Catalog Pages

[DATA CONNECTIVITY SOLUTIONS](#)

English

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### Product Specifications

[Application Specification](#)

English