

2356408-1 ✓ ACTIVE



## AMPSEAL 16

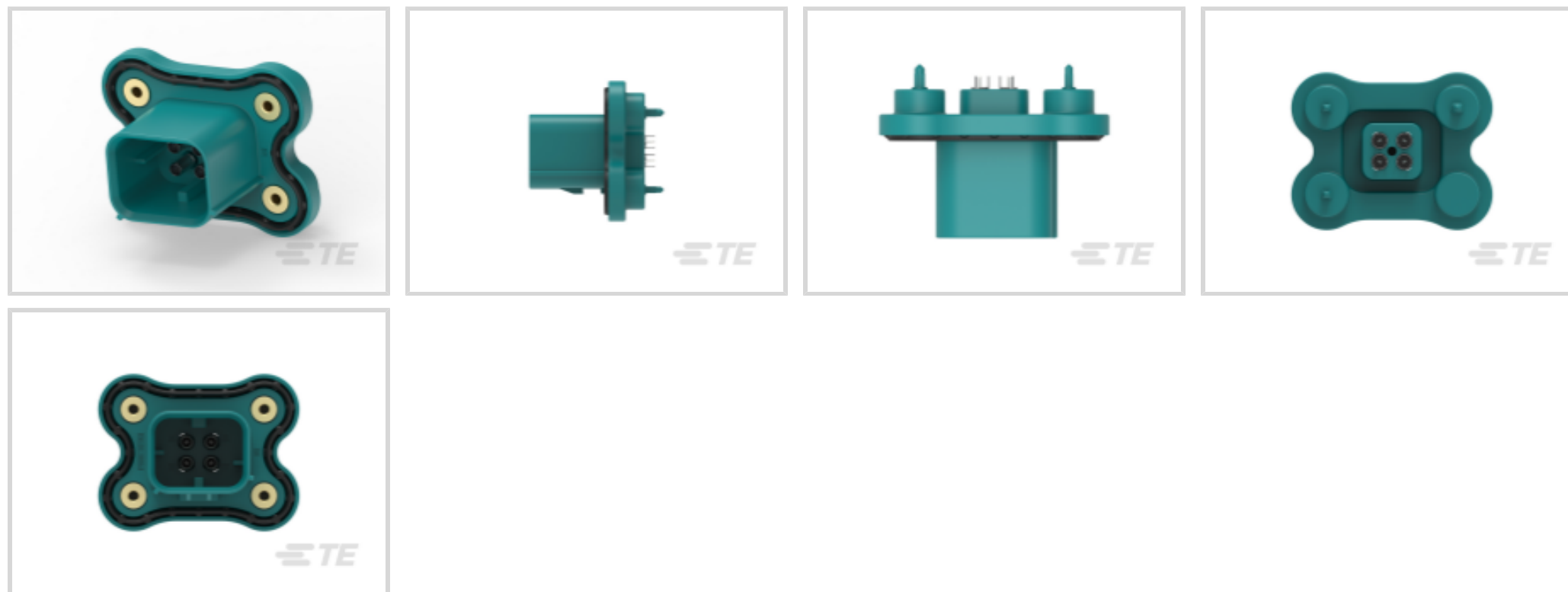
TE Internal #: 2356408-1

A Code, Cable-to-Board, 4 Position, 5.3 mm [.21 in] Centerline, Sealable, Shielded, Vertical, Signal, AMPSEAL 16, Data Connectivity Headers

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

AMPSEAL 16 Connector with Coaxial Terminal Headers



Mating Tab Thickness: .66 mm [.026 in]

Connector & Keying Code: A

Connector System: Cable-to-Board

Number of Positions: 4

Centerline (Pitch): 5.3 mm [.21 in]

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

## Features

### Electrical Characteristics

|           |      |
|-----------|------|
| Impedance | 50 Ω |
|-----------|------|

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tray |
| Packaging Quantity | 40   |

### Other

|                                |                           |
|--------------------------------|---------------------------|
| Outer Contact Plating Material | Tin (Sn)                  |
| EU RoHS Compliance             | Compliant with Exemptions |
| EU ELV Compliance              | Compliant with Exemptions |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Color      | Water Blue      |
| Centerline (Pitch) | 5.3 mm [.21 in] |



### Product Type Features

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

### Contact Features

|                      |                  |
|----------------------|------------------|
| Mating Tab Thickness | .66 mm [.026 in] |
|----------------------|------------------|

### Body Features

|                         |   |
|-------------------------|---|
| Connector & Keying Code | A |
|-------------------------|---|

### Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Positions   | 4        |
| PCB Mount Orientation | Vertical |

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Usage Conditions

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

### Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | Yes    |
| Circuit Application | Signal |

### Product Compliance

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

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  |




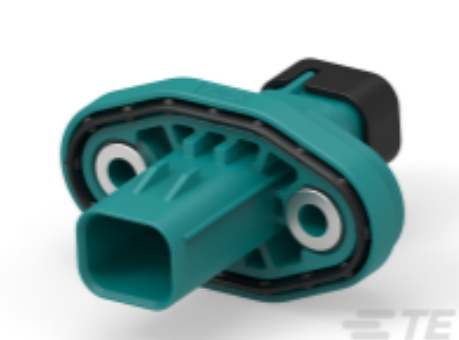
Solder Process Capability

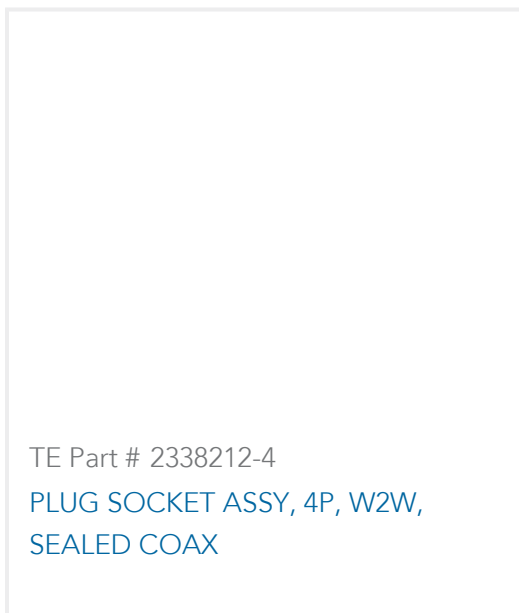
Not reviewed for solder process capability

Product Compliance Disclaimer

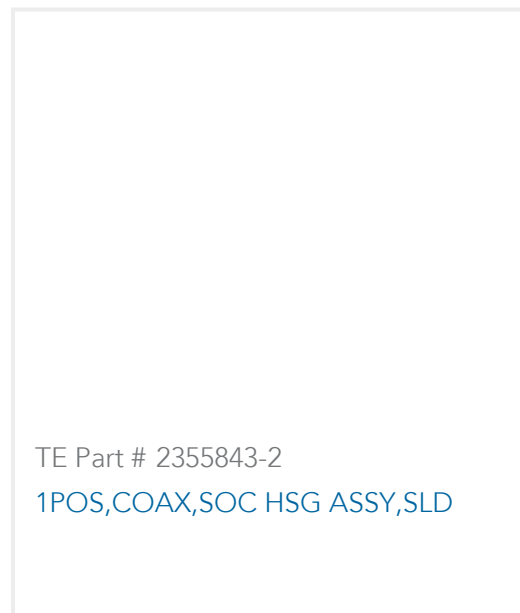
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2356408-2<br/>4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD B</p>  | <p>TE Part # 2338211-3<br/>CAP PIN ASSY, 4P, W2W, SEALED COAX</p>   | <p>TE Part # 2338212-3<br/>PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>   | <p>TE Part # 2355843-3<br/>1POS,COAX,SOC HSG ASSY,SLD</p>   |
| <p>TE Part # 2356408-3<br/>4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C</p>  |  <p>TE Part # 2355844-4<br/>1POS,PIN DIA 2.5,HDR ASSY,180DEG</p> |  <p>TE Part # 2355844-3<br/>1POS,PIN DIA 2.5,HDR ASSY,180DEG</p> |  <p>TE Part # 2356413-2<br/>COAX,SOLDER,180DEG</p> |
|  <p>TE Part # CAT-AI5-ADCH16<br/>AMPSEAL 16 Connector with Coaxial Terminal Housings</p> | <p>TE Part # 2338212-2<br/>PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>   | <p>TE Part # 2338211-2<br/>CAP PIN ASSY, 4P, W2W, SEALED COAX</p>   | <p>TE Part # 2338211-4<br/>CAP PIN ASSY, 4P, W2W, SEALED COAX</p>   |



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



TE Part # 2355843-2  
1POS,COAX,SOC HSG ASSY,SLD



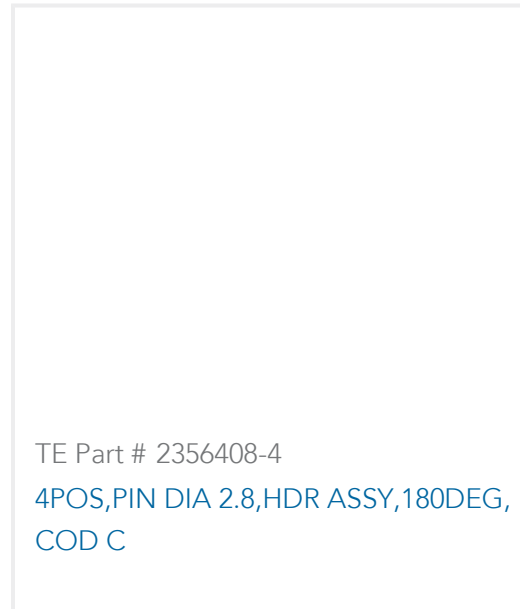
TE Part # 2355843-4  
1POS,COAX,SOC HSG ASSY,SLD



TE Part # 2475029-1  
4P,AS16,COAX,BLIND PLUG ASSY



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

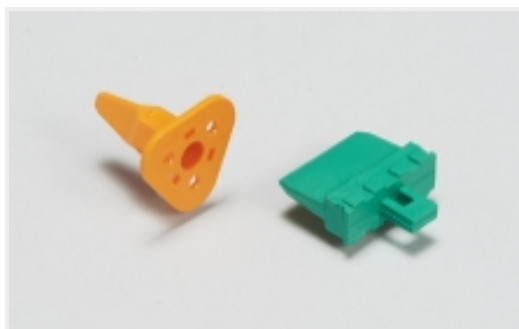


TE Part # 2356408-4  
4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C

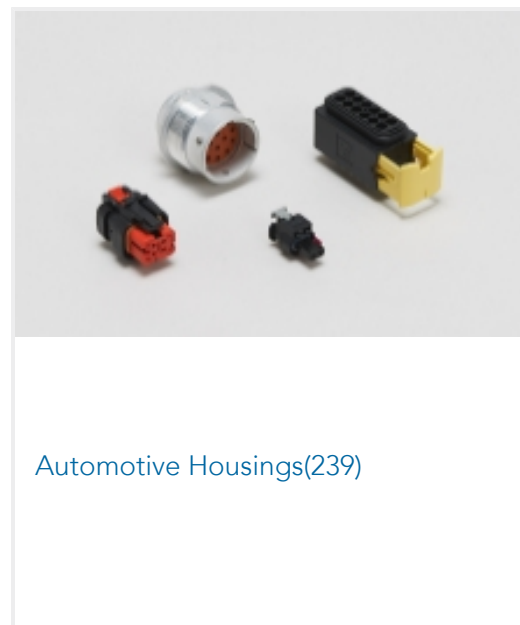


TE Part # 2355844-2  
1POS,PIN DIA 2.5,HDR ASSY,180DEG

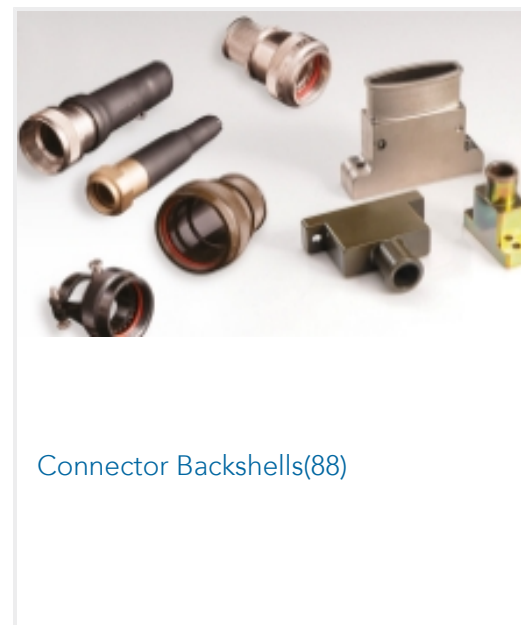
Also in the Series | **AMPSEAL 16**



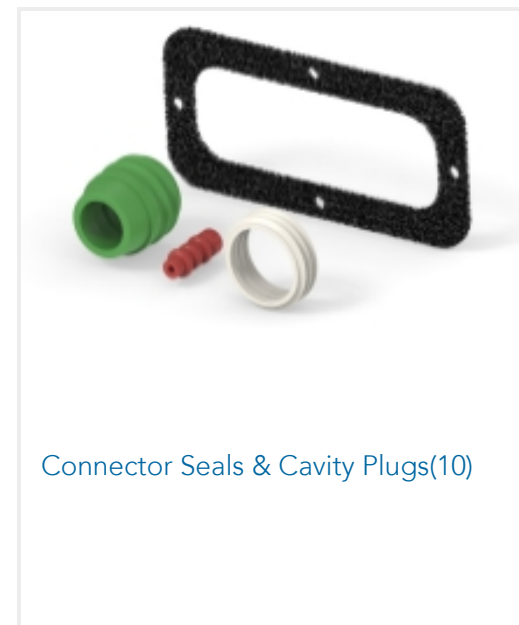
Automotive Connector Locks & Position Assurance(6)



Automotive Housings(239)



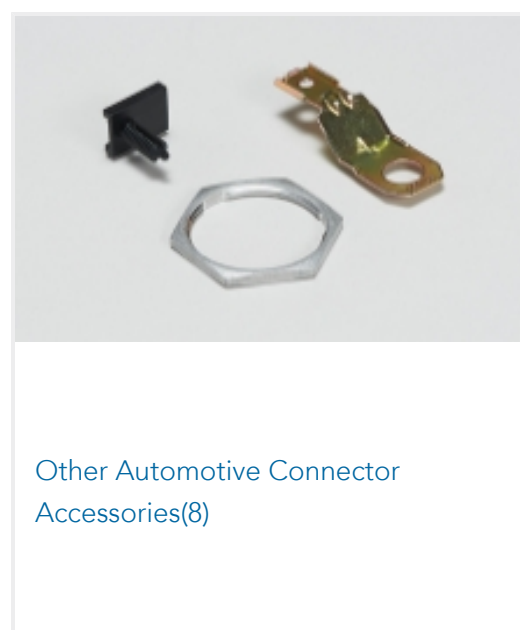
Connector Backshells(88)



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 #9-1879214-4  
CPF 0402 3K48 0.1% 25PPM 1K RL



TE Part #4-1879215-8  
CPF 0402 13K7 0.1% 25PPM 1K RL



TE Part #474813-E  
SRCA 1,27 12 M 1-KS SMD 137 E1 094 \* GUR



## Documents

### Product Drawings

[4P,COAX,HDR ASSY,180DEG,COD A,SHORT](#)

English

[4P,COAX,HDR ASSY,180DEG,COD A,SHORT](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2356408-1\\_A1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2356408-1\\_A1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2356408-1\\_A1.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

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

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Vertical, Signal, AMPSEAL 16, Data Connectivity Headers

