



Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity 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**

Features

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 |
|---------------------|---|

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Impedance         | 50 Ω   |
| Operating Voltage | 60 VDC |

Signal Characteristics

|                           |              |
|---------------------------|--------------|
| Operating Frequency Range | 0 – 6000 MHz |
|---------------------------|--------------|

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] |

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 |

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 660        |
| Packaging Method   | Box & Tube |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)<br>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)<br>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 # 2339729-1<br/>CAP PIN ASSY, 4P, FLANGE, SEALED COAX</p>     |  <p>TE Part # 2355844-1<br/>1POS,PIN DIA 2.5,HDR ASSY,180DEG COAX</p> |  <p>TE Part # 776441-1<br/>AS 16, EXTRACTION TOOL</p>                 |  <p>TE Part # 2338211-1<br/>CAP PIN ASSY, 4P, W2W, SEALED COAX</p>       |
|  <p>TE Part # 2338212-1<br/>PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>    |  <p>TE Part # 2356408-1<br/>4P,COAX,HDR ASSY,180DEG,COD A, SHORT</p>  |  <p>TE Part # 2356413-2<br/>COAX,SOLDER,180DEG</p>                    |  <p>TE Part # 2362358-3<br/>MATE-AX F TO F, DACAR 462, 1500MM</p>        |
|  <p>TE Part # 2374559-1<br/>1PORT,COAX,PIN HSG ASSY,SLD, 180DEG,COD A</p> |  <p>TE Part # 2420047-5<br/>AMPSEAL16 COAX, 1P 90 DEG HDR, ASSY</p>   |  <p>TE Part # 2449917-1<br/>CAP PIN ASSY, 1P, FLANGE, SEALED COAX</p> |  <p>TE Part # 2452956-1<br/>AS16 BACKSHELL, 1P, SMOOTH EXIT, NO WIND</p> |





TE Part # 2452956-2  
AS16 BACKSHELL, 1P, NW7.5 EXIT,  
NO WIND



TE Part # 2452956-3  
AS16 BACKSHELL, 1P, SMOOTH EXIT,  
WINDOW



TE Part # 2452956-4  
AS16 BACKSHELL, 1P, NW7.5 EXIT;  
WINDOW



TE Part # 2456701-1  
SEALED, COAX, SMD, 180DEG



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



TE Part # 2-2374559-1  
1P AS16 CX, BLIND CAP KEY A,CONN  
KIT




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



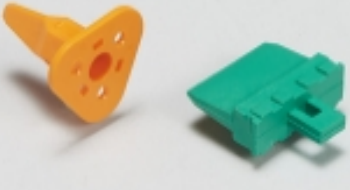
TE Part # 2355844-3  
1POS,PIN DIA 2.5,HDR ASSY,180DEG

Also in the Series


AMPSEAL 16




Automotive Connector Caps & Covers  
(3)




Automotive Connector Locks &  
Position Assurance(2)




Automotive Housings(244)




Automotive Terminals(35)




Connector Backshells(84)




Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector  
Accessories(11)

Customers Also Bought





TE Part #2292799-3  
AS16,PLUG BACKSHELL KIT,ST,04P, NC12

TE Part #2339729-1  
CAP PIN ASSY, 4P, FLANGE, SEALED COAX

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

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

TE Part #2338211-1  
CAP PIN ASSY, 4P, W2W, SEALED COAX

TE Part #2338212-1  
PLUG SOCKET ASSY, 4P, W2W, SEALED COAX

TE Part #2374559-1  
1PORT,COAX,PIN HSG ASSY,SLD, 180DEG,COD A

TE Part #S8658PL12NF  
Panel,LHCP,12in,NF 865-868MHz, 8dBiC,flus

TE Part #S8658PR12NF  
Panel,RHCP,12in,NF 865-868MHz, 8dBiC,flus

TE Part #ETRA8213  
OMNI,PhE,NMO,821-896MHz WHT, 3,100,

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

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[Product Specifications](#)

[Application Specification](#)

English