

AMPSEAL 16

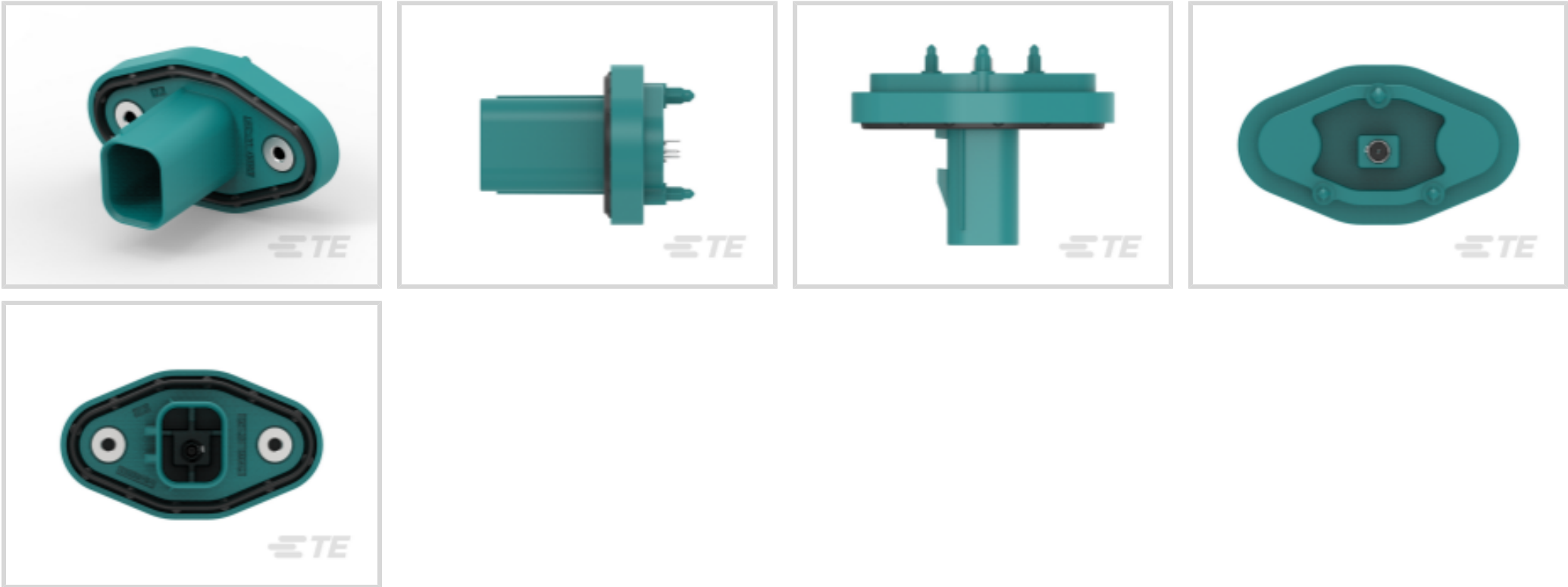
TE Internal #: 2355844-1

Data Connectivity Headers, A, Cable-to-Board, 1 Position, Sealable, Shielded, Vertical, Signal, Board Mount, -40 - 221 °F [-40 - 105 °C], AMPSEAL 16

[View on TE.com >](#)



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



Connector & Keying Code: **A**
Connector System: **Cable-to-Board**
Number of Positions: **1**
Sealable: **Yes**
Shielded: **Yes**

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------|----------|
| Number of Positions | 1 |
| PCB Mount Orientation | Vertical |

Electrical Characteristics

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

Body Features

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

Mechanical Attachment

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

Housing Features

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



| | |
|---------------|------------|
| Housing Color | Water Blue |
|---------------|------------|

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 |

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 240 |
| Packaging Method | Box & Tray |

Other

| | |
|--------------------------------|----------|
| Outer Contact Plating Material | Tin (Sn) |
|--------------------------------|----------|

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Component Part) 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 |
| Solder Process Capability | Not reviewed for solder process capability |




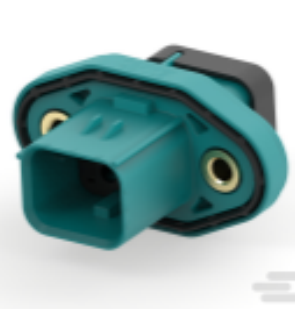












Product Compliance Disclaimer

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 # 2356408-1 4P,COAX,HDR ASSY,180DEG,COD A, SHORT</p> |  <p>TE Part # 2338211-1 CAP PIN ASSY, 4P, W2W, SEALED COAX</p> |  <p>TE Part # 2338212-1 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p> |  <p>TE Part # 2339729-1 CAP PIN ASSY, 4P, FLANGE, SEALED COAX</p> |
|  <p>TE Part # 2355843-1 1POS,COAX,SOC HSG ASSY,SLD</p> |  <p>TE Part # 2356413-2 COAX,SOLDER,180DEG</p> |  <p>TE Part # 2461552-1 1P,COAX,SEAL PLUG, AMPSEAL 16</p> |  <p>TE Part # 2338211-2 CAP PIN ASSY, 4P, W2W, SEALED COAX</p> |
|  <p>TE Part # 2338211-3 CAP PIN ASSY, 4P, W2W, SEALED COAX</p> |  <p>TE Part # 2338211-4 CAP PIN ASSY, 4P, W2W, SEALED COAX</p> |  <p>TE Part # 2338212-2 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p> |  <p>TE Part # 2338212-3 PLUG SOCKET 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 # 2355843-3 1POS,COAX,SOC HSG ASSY,SLD</p> |  <p>TE Part # 2355843-4 1POS,COAX,SOC HSG ASSY,SLD</p> |



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

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

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

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 # YHDP26-24-19PEL024
DEUTSCH HDP20 Housings

TE Part # 142685-3
L.I.F PL CONTACT 5MM 0.35-1 MM2
PTPPHBZ

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

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



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

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

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

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

TE Part # CONSMB007-G
SMB Plug 50 Ohm Cable Crimp

Documents

Product Drawings

1POS,PIN DIA 2.5,HDR ASSY,180DEG

English

1POS,PIN DIA 2.5,HDR ASSY,180DEG

English

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.

Product Specifications

Application Specification

English