# 2355844-1 ✔ ACTIVE

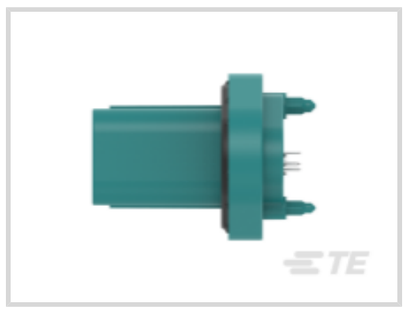
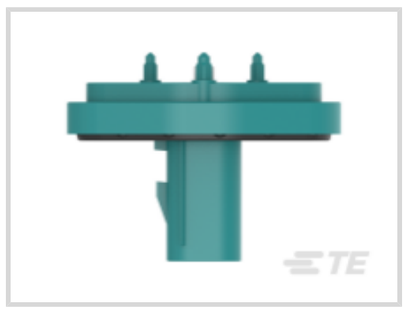
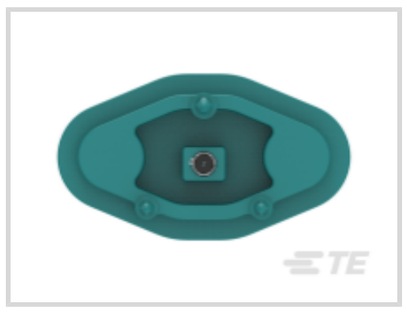
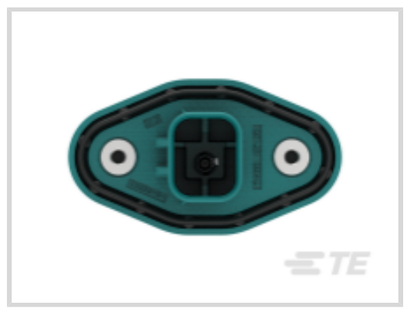
AMP | AMPSEAL 16

TE Internal #: 2355844-1

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

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Headers > AMPSEAL 16 Connector with Coaxial Terminal Headers

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

Sealable: **Yes**

Shielded: **Yes**

PCB Mount Orientation: **Vertical**

Number of Positions: **1**

All AMPSEAL 16 Connector with Coaxial Terminal Headers (6)

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |

### Body Features

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

### Contact Features

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

| | |
|---|---|
| Mating Pin Diameter | 2.5 mm[.098 in] |
| Contact Current Rating (Max) | 1 A, 3 A |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |

## 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 |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94HB |

## Packaging Features

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

# 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 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br>**Article Safe Usage Statements:**<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 | Low Halogen - Br, Cl, F < 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

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




TE Part # 776441-1
AS 16, EXTRACTION TOOL

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

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



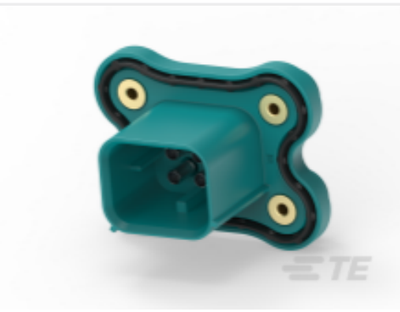
TE Part # 2461552-1
1P,COAX,SEAL PLUG, AMPSEAL 16

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

TE Part # 2338211-4
CAP PIN 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 # 2356408-1
4P,COAX,HDR ASSY,180DEG,COD A, SHORT



TE Part # 2338212-2
PLUG SOCKET ASSY, 4P, W2W, SEALED COAX

TE Part # 2338211-2
CAP PIN ASSY, 4P, W2W, SEALED COAX



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

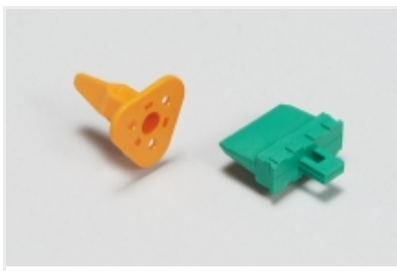


TE Part # CAT-AI5-ADCH16
AMPSEAL 16 Connector with Coaxial Terminal Housings

## Also in the Series | AMPSEAL 16



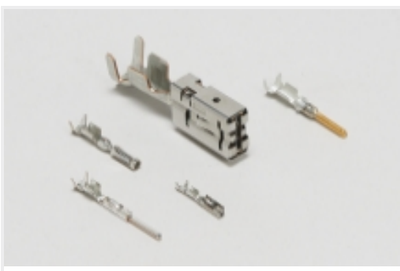
Automotive Connector Caps & Covers (93)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(239)



Automotive Terminals(35)



Data Connectivity Housings(8)

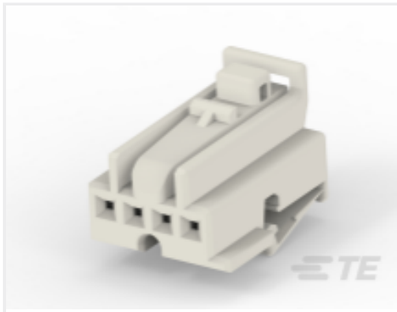


Other Automotive Connector Accessories(8)

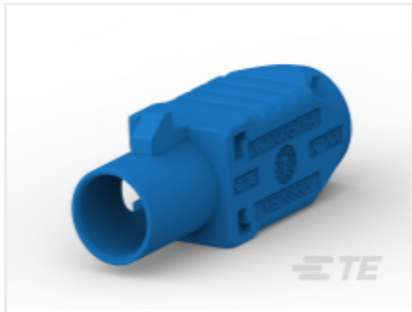
## Customers Also Bought



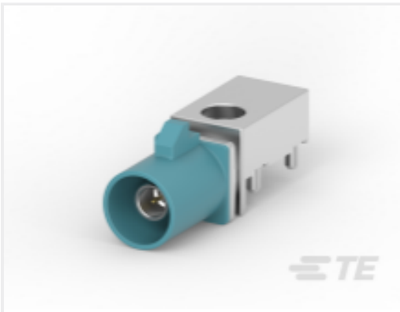
TE Part #DT06-4S-P004
PLG, 4P, GRY, N



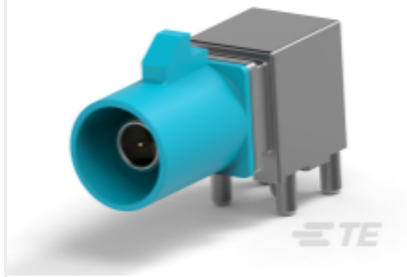
TE Part #2-929170-4
4POS MQS REC COD B



TE Part #2-2203571-0
HOUSING, INLINE MALE, FAKRA



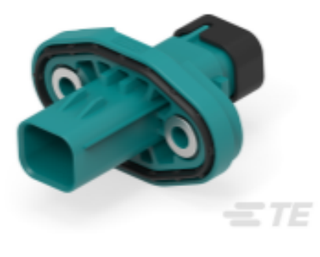
TE Part #7-2287906-0
FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY



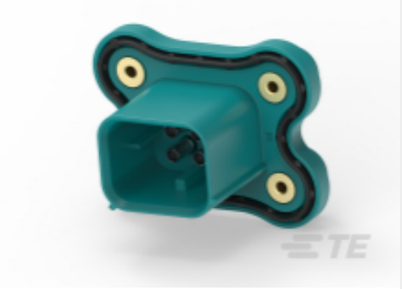
TE Part #2-2291392-0
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #2-2312192-9
1POS,MATE-AX,PIN HSG ASSY,SLD, COD B,180



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



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



TE Part #1-2474495-5
FAKRA M W HOUSING,CODE Z,STR, PCB,6G

## 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.

### Datasheets & Catalog Pages

DATA CONNECTIVITY SOLUTIONS

English

AMPSEAL_16_MATE_AX

English

### Product Specifications

## Application Specification

English