

776308-1 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776308-1

Housing for Male Terminals, Wire-to-Wire, 4 Position, .236 in [6 mm] Centerline, Sealable, Black, Cable Mount (Free-Hanging), AMPSEAL 16

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**

Number of Positions: **4**

Connector & Housing Type: **Housing for Male Terminals**

Centerline (Pitch): **6 mm [.236 in]**

Sealable: **Yes**

Features

Product Type Features

| | |
|--------------------------|----------------------------|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector System | Wire-to-Wire |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 12 VDC |
| Nominal Voltage Architecture | 12 V |

Body Features

| | |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|



| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|---------------------|-----------------|
| Contact Type | Pin |
| Mating Pin Diameter | 1.5 mm[.059 in] |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Terminal Position Assurance | Yes |
| Strain Relief | Without |
| Mating Alignment Type | Polarizing Rib |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|---------------|
| Housing Material | PA GF |
| Centerline (Pitch) | 6 mm[.236 in] |

Dimensions

| | |
|--------------------|-------------------|
| Connector Height | 16.3 mm[.642 in] |
| Product Width | 48.6 mm[1.913 in] |
| Product Length | 19.8 mm[.78 in] |
| Row-to-Row Spacing | 6.3 mm[.248 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F] [212 °F][221 °F] |
| Operating Temperature Range | -40 - 105 °C[-40 - 221 °F] |

Industry Standards

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

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 550 |
| Packaging Method | Package |

Other

| | |
|--------------------------------------|----|
| Serviceable | No |
| Connector Position Assurance Capable | No |

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| 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

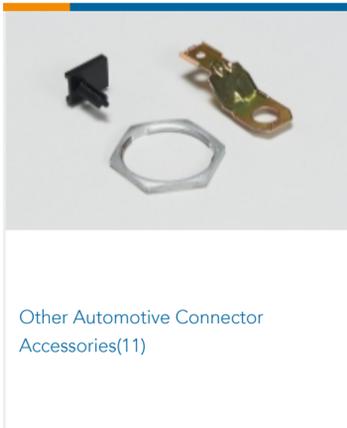
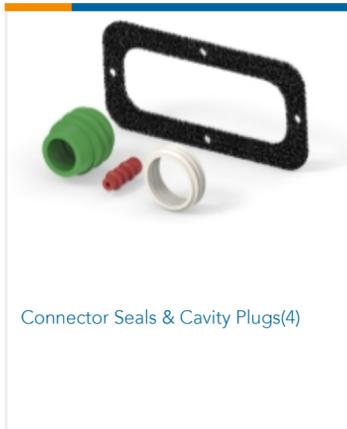
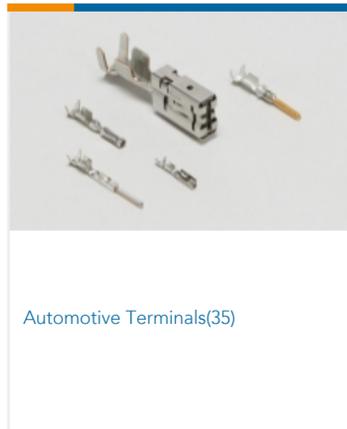
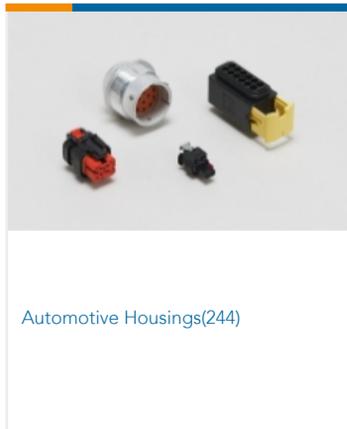
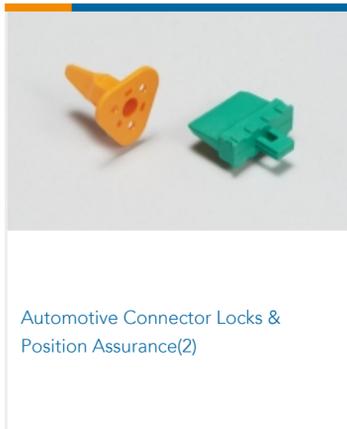
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | AMPSEAL 16



Customers Also Bought





Documents

Product Drawings

CAP HOUSING 4 POSITION

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_776308-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_776308-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_776308-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

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English