

776488-1 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776488-1

12 V / 24 V / 48 V, 4 Position, Automotive Cap, Wire-to-Wire, 5.3 mm [.209 in] Centerline, Sealable, Black, Wire & Cable, AMPSEAL 16

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Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Nominal Voltage Architecture: 12 V, 24 V, 48 V, 240 V

Connector & Housing Type: Cap

Number of Positions: 4

Sealable: Yes

Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

[All AMPSEAL 16 Housings \(224\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Cap |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

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

Electrical Characteristics

| | |
|------------------------------|-------------------------|
| Operating Voltage | 250 VDC |
| Nominal Voltage Architecture | 12 V, 24 V, 48 V, 240 V |

Body Features

| | |
|-----------------------|-------|
| Cable Exit Angle | 180 ° |
| Primary Product Color | Black |

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

Contact Features

| | |
|---------------------|----------------|
| Contact Size | 1.5mm |
| Contact Type | Pin |
| Mating Pin Diameter | 1.5 mm[.06 in] |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Strain Relief | Add By Accessory |
| Terminal Position Assurance | Yes |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | PBT GF |
| Centerline (Pitch) | 5.3 mm[.209 in] |

Dimensions

| | |
|--------------------|--------------------|
| Row-to-Row Spacing | 4.5 mm[.177 in] |
| Product Width | 47.55 mm[1.872 in] |
| Product Length | 24.6 mm[.969 in] |
| Connector Height | 22.45 mm[.884 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
| Operating Temperature (Max) | 125 °C[257 °F] |

Industry Standards

| | |
|------------------------|---------|
| IP Rating | IP67 |
| UL Flammability Rating | UL 94HB |

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 1 |
| Packaging Method | Bag |

Other

| | |
|--------------------------------------|-----|
| Serviceable | Yes |
| Connector Position Assurance Capable | Yes |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

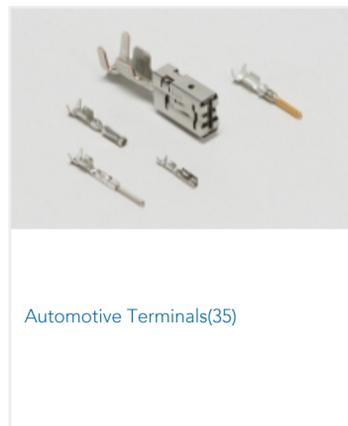
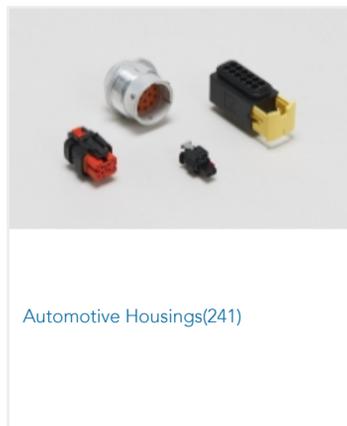
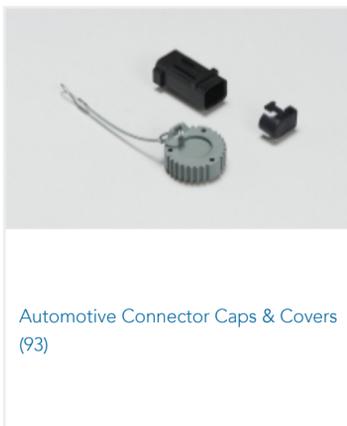
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part #CAT-AM7801-T273
Contacts: Size 16, 13A



TE Part #776487-1
AS16, PLUG ASSY, ST, 04P, N SEAL,
CODE A



TE Part #964586-1
FF 2P HOUSING TAB POLYESTER
VALOX 357



TE Part #1546074-3
3 POS 5.08MM TERMI-BLOK TOP WI



TE Part #1546074-4
4 POS 5.08MM TERMI-BLOK TOP WI



TE Part #2292799-1
AS16, PLUG BACKSHELL KIT, ST, 04P,
SMOOTH



TE Part #2292801-1
AS16, PLUG BACKSHELL KIT, ST, 08P,
SMOOTH



TE Part #2292862-1
AS16, CAP BACKSHELL KIT, ST, 04P,
SMOOTH



TE Part #7-2151054-7
OC-055F072O-CRIMP TOOLING KIT

Documents

Product Drawings

[AS16, CAP ASSY, ST, 04P, N SEAL, CODE A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_776488-1_D_c-776488-1-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776488-1_D_c-776488-1-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776488-1_D_c-776488-1-d.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

[Product Specifications](#)

[Application Specification](#)

English

[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

English