



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



Nominal Voltage Architecture: 12 V

Connector & Housing Type: Cap

Number of Positions: 8

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-Device, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
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Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.062 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Polarizing Tab
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	4.5 mm[.177 in]

Dimensions

Row-to-Row Spacing	5.3 mm[.209 in]
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Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Bag
Packaging Quantity	25

Other

Connector Position Assurance Capable	No
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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 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>

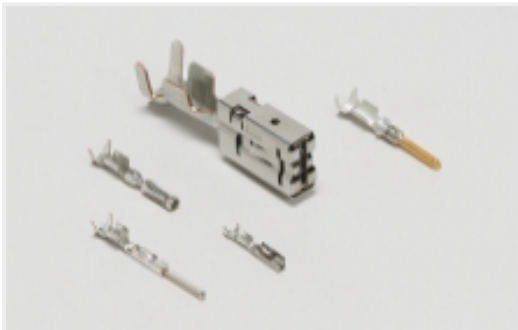
Compatible Parts



Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers
(5)



Automotive Terminals(35)



Data Connectivity Housings(8)

Customers Also Bought



TE Part #YHDP24-24-31PEL024
REC, 31P, BLK, E, WTHD, 16, P



TE Part #1-174939-1
070 MLC CAP HSG 30P W/FLANGE



TE Part #CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part #C34252-000
ES1000-NO.3-B8-X-55MM



TE Part #0830956003
RBK-85-NR5100/A-X-12MM

Documents

Product Drawings
SEAL CAP HSG 8P, AMPSEAL16 SEA
Japanese

CAD Files
Customer View Model
ENG_CVM_CVM_2040594-5_D.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2040594-5_D.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2040594-5_D.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
AMPSEAL SEAL CAP
Japanese
Product Specification
Japanese