



AMP | AMPSEAL 16

TE Internal #: 2040594-2

Housing for Male Terminals, Wire-to-Wire, 3 Position, .177 in [4.5 mm] Centerline, Sealable, Black, -40 – 257 °F [-40 – 125 °C],

AMPSEAL 16

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > AMPSEAL 16 HOUSINGS



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

Mating Pin Diameter: **1.5 mm [.059 in]**

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

Number of Positions: **3**

Centerline (Pitch): **4.5 mm [.177 in]**

[All AMPSEAL 16 HOUSINGS \(226\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Primary Product Color	Black
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Contact Features

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Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.059 in]

Mechanical Attachment

Terminal Position Assurance	No
Mating Alignment Type	Polarizing Tab
Mating Alignment	With

Housing Features

Centerline (Pitch)	4.5 mm[.177 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 81 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][169 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	320
Packaging Method	Box

Other

Connector Position Assurance Capable	Yes
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed



Halogen Content	Low Halogen - Br, Cl, F, I < 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



TE Part # CAT-AM7801-CH8172
AMPSEAL 16 HOUSINGS



TE Part # CAT-AM7801-B128
AMPSEAL 16 Connectors Backshell



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




TE Part # 1924487-3
MOUNTING CLIP, AMPSEAL 16



TE Part # 776363-1
SEALING PLUG, SZ 16 CAVITY


Also in the Series | AMPSEAL 16




Automotive Connector Caps & Covers (85)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(241)



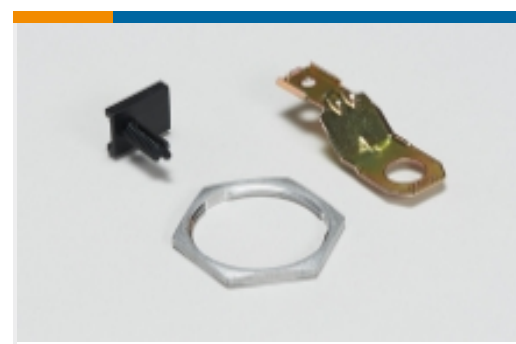
Automotive Seals & Cavity Plugs(4)



Automotive Terminals(33)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(3)

Customers Also Bought

TE Part #DRC12-40PBE
DEUTSCH DRC HOUSINGSTE Part #280223-2
FASTON 375 ASY REC 4-6MM2 0.5X27.0 TPBRTE Part #HD36-24-16SE-059
DEUTSCH HD30 HOUSINGSTE Part #DTM04-6P-E005
REC, 6P, BLK, N, CAPTE Part #2040594-5
AMPSEAL 16 HOUSINGSTE Part #DT06-3S-CE05
PLG, 3P, BLK, E, SEAL RET, CAPTE Part #1452737-1
COVER 113 DEGREE

Documents

Product Drawings

SEAL CAP HSG 3P, AMPSEAL16 SEA

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_2040594-2_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2040594-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2040594-2_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