

2040594-5  ACTIVE

AMP | AMPSEAL 16

TE Internal #: 2040594-5

Housing for Male Terminals, Wire-to-Wire, 8 Position, .177 in [4.5 mm] Centerline, Sealable, Black, -40 - 257 °F [-40 - 125 °C], AMPSEAL 16

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



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

Number of Positions: **8**

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

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

Sealable: **Yes**

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

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	8
Number of Rows	2

Body Features

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

Contact Features

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]
--------------------	-----------------

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][172 °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	200
Packaging Method	Box

Other

Connector Position Assurance Capable	Yes
--------------------------------------	-----

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

Solder Process Capability	homogenous material. Also BFR/CFR/PVC Free
---------------------------	--

Solder Process Capability	Not applicable for solder process capability
---------------------------	--

Product Compliance Disclaimer

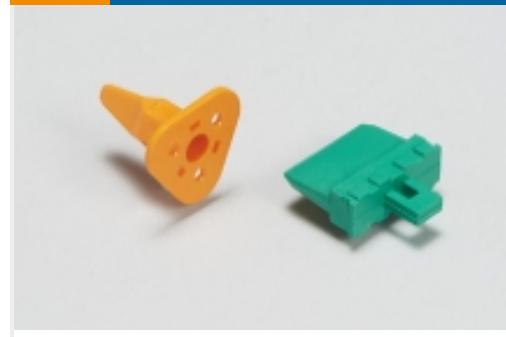
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

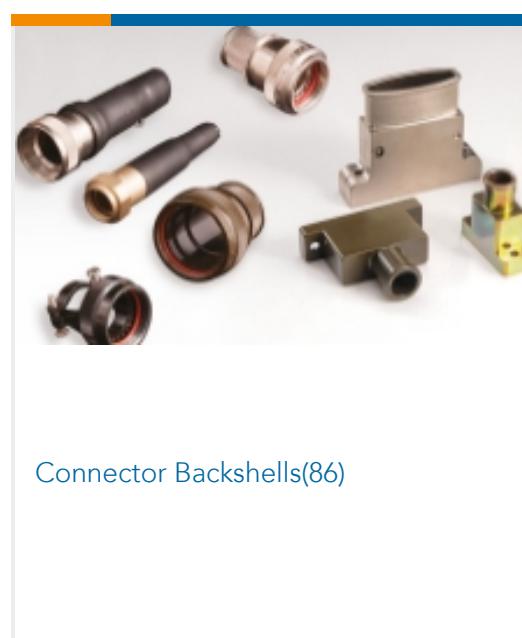
Compatible Parts

			
TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings	TE Part # 776363-1 SEALING PLUG, SZ 16 CAVITY	TE Part # CAT-AM7801-T273 AMPSEAL 16 CONTACTS	TE Part # CAT-AM7801-B128 AMPSEAL 16 Connectors Backshell

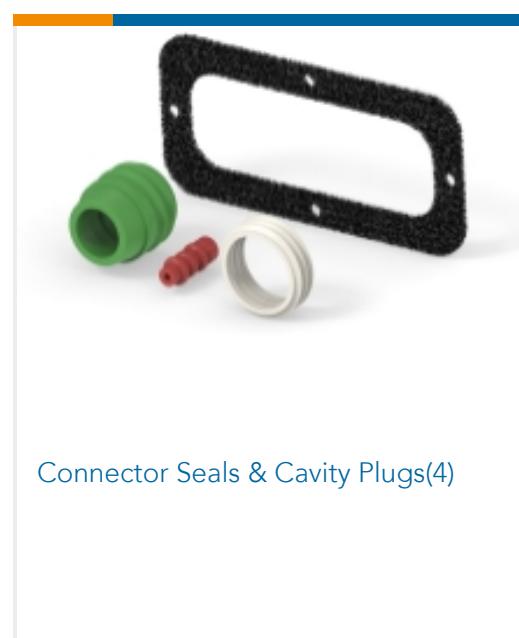


Also in the Series | AMPSEAL 16

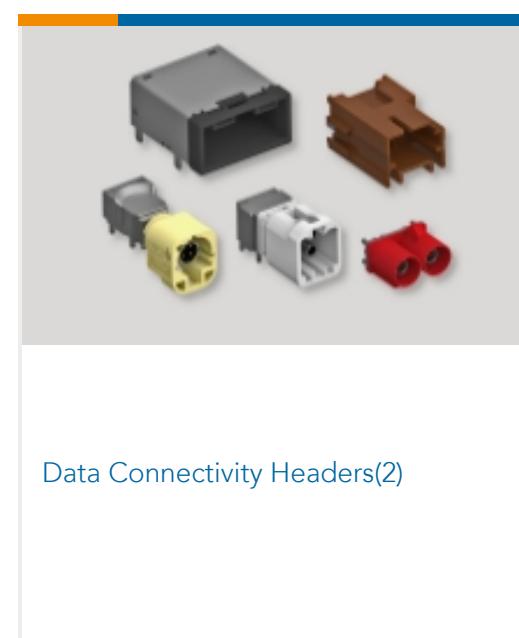
			
Automotive Connector Caps & Covers (1)	Automotive Connector Locks & Position Assurance(2)	Automotive Housings(244)	Automotive Terminals(35)



Connector Backshells(86)



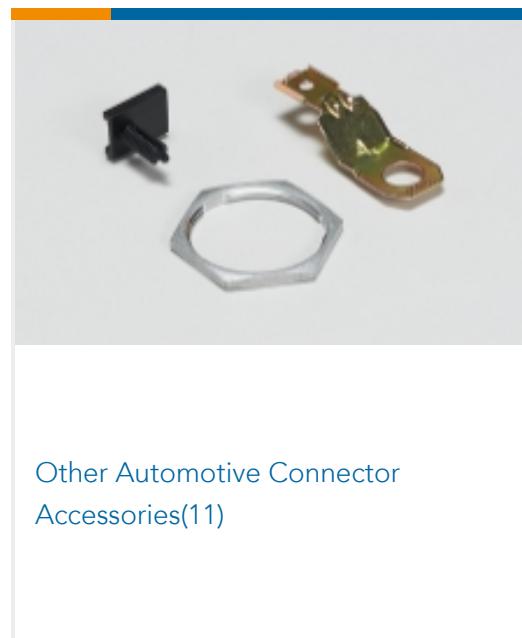
Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought

TE Part # 776531-3
AMPSEAL 16 HousingsTE Part # 2500006-1
SRC Pwr 60+6AG Female Recp Hsg
Assy 2.5TE Part # 1318332-1
.040 SEALED REC CONTTE Part # 2292863-3
AS16 BACKSHELL, 6P CAP, NC12, MCTE Part # 173633-3
070 MLC TAB CONT 24-22 GOLDTE Part # 172498-1
MIC PLUG HSG 13P (MK II)

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