

1924463-3 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 1924463-3

Pin Terminal, 20 – 18 AWG, .52 – .823 mm<sup>2</sup> Wire, Tin (Sn), 1.59 mm [.062 in] Pin Diameter, Terminates To Wire, AMPSEAL 16

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Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: Pin

Wire Size: 20 – 18 AWG

Interface Plating: Tin (Sn)

Primary Locking Feature: Clean Body

[All AMPSEAL 16 CONTACTS \(35\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

### Contact Features

Typical Current Rating	13 A
Crimp Type	F-Crimp
Contact Size	Size 16
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Pin
Interface Plating	Tin (Sn)
Mating Pin Diameter	1.59 mm [.062 in]

### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

**Dimensions**

Compatible Insulation Diameter Range	1.27 – 2.72 mm [.05 – .107 in]
Wire Size	20 – 18 AWG
Tab Length	23.21 mm [.914 in]

**Usage Conditions**

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

**Operation/Application**

Compatible With Wire Base Material	Copper
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**Packaging Features**

Packaging Method	Reel
Packaging Quantity	4000

**Other**

Terminal Transmits	0 – 24 A (Low Power)
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 applicable for solder process capability

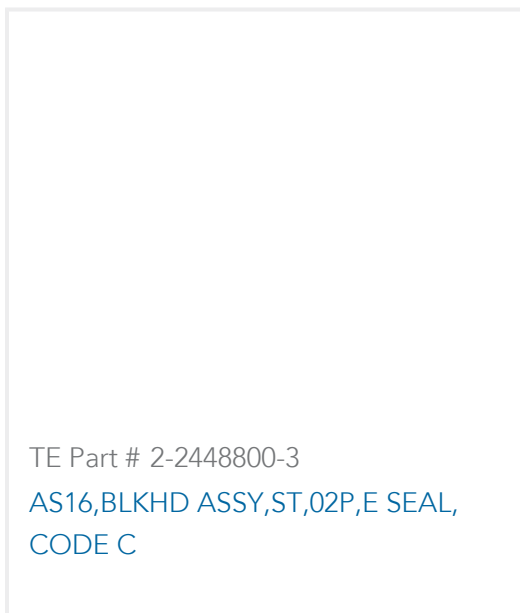
Product Compliance Disclaimer

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

<p>TE Part # 2-2448800-2 AS16,BLKHD ASSY,ST,02P,E SEAL, CODE B</p>	<p>TE Part # 2-2448800-4 AS16,BLKHD ASSY,ST,02P,E SEAL, CODE D</p>	<p>TE Part # 1-2448800-2 AS16,BLKHD ASSY,ST,02P,N SEAL, CODE B</p>	<p>TE Part # 1-2448800-4 AS16,BLKHD ASSY,ST,02P,N SEAL, CODE D</p>
<p>TE Part # 2-2448805-4 AS16,BLKHD ASSY,ST,12P,E SEAL, CODE D</p>	 <p>TE Part # 5-2151962-1 OCEAN-2.0-APPLICATOR-S- 080F125O-RSM</p>	<p>TE Part # 2-2448805-3 AS16,BLKHD ASSY,ST,12P,E SEAL, CODE C</p>	 <p>TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings</p>
 <p>TE Part # 2119118-1 SDE Commercial Tool &amp; Die</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 2320926-1 AS16,CAP ASSY,HT,02P,E SEAL,CODE A</p>	<p>TE Part # 1-2448800-3 AS16,BLKHD ASSY,ST,02P,N SEAL, CODE C</p>
<p>TE Part # 1-2448800-1 AS16,BLKHD ASSY,ST,02P,N SEAL, CODE A</p>	<p>TE Part # 2-2448805-2 AS16,BLKHD ASSY,ST,12P,E SEAL, CODE B</p>	<p>TE Part # 2-2448805-1 AS16,BLKHD ASSY,ST,12P,E SEAL, CODE A</p>	<p>TE Part # 1-2448805-2 AS16,BLKHD ASSY,ST,12P,N SEAL, CODE B</p>



TE Part # 2-2448800-3  
AS16, BLKHD ASSY, ST, 02P, E SEAL,  
CODE C



TE Part # 2151962-1  
OCEAN-2.0-APPLICATOR-S-  
080F125O-RSM



TE Part # 2151962-2  
OCEAN-2.0-APPLICATOR-S-  
080F125OA-RSA

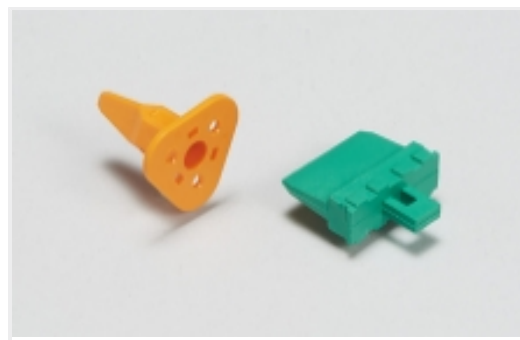


TE Part # 5-2151962-2  
OCEAN-2.0-APPLICATOR-S-  
080F125OA-RSA

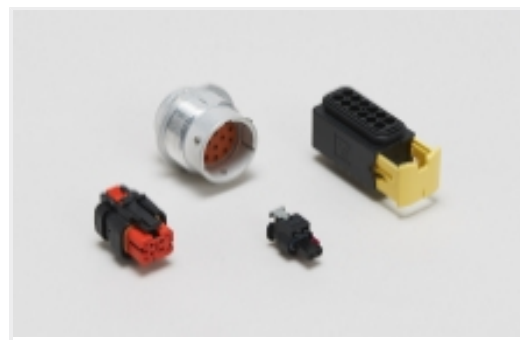
### Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers  
(5)



Automotive Connector Locks &  
Position Assurance(6)



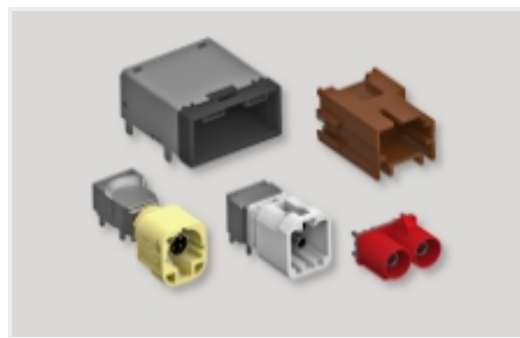
Automotive Housings(239)



Connector Backshells(84)



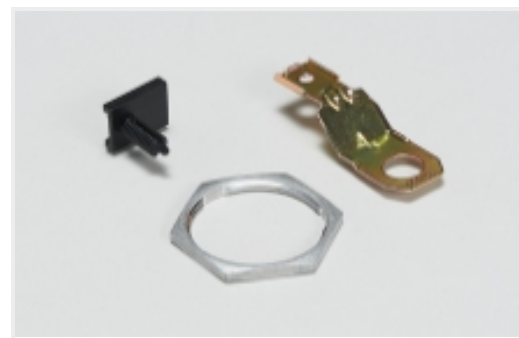
Connector Seals & Cavity Plugs(10)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector  
Accessories(8)



Rectangular Backshells & Clamps(74)

### Customers Also Bought



TE Part #829131P017  
ES2000-NO.1-C1-0-60MM



TE Part #CAT-AM7801-T273  
AMPSEAL 16 CONTACTS



TE Part #345255-1  
ANTI-BACKOUT 3WAY TAB  
HSGECONO



TE Part #CV42526001  
QSZH-125-NR3A-40MM



## Documents

### Product Drawings

[PIN, SF, SIZE 16, 18-20 AWG, NI/SN](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1924463-3\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1924463-3\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1924463-3\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[AMPSEAL 16 CONNECTOR SERIES](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

### Product Specifications

[Application Specification](#)

English