

# BACA-AMP-218 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 1924463-1

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

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Pin**

Wire Size: **20 – 18 AWG**

Interface Plating: **Gold (Au)**

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	Gold (Au)
Mating Pin Diameter	1.59 mm [.062 in]

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Compatible Insulation Diameter Range	1.27 – 2.72 mm [.05 – .107 in]
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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>](#)

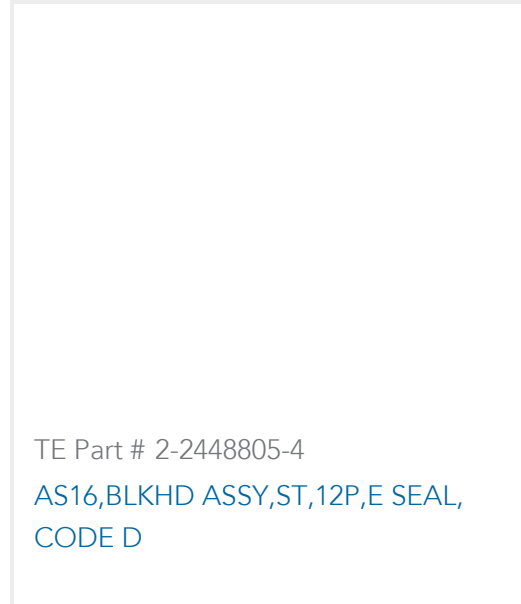
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

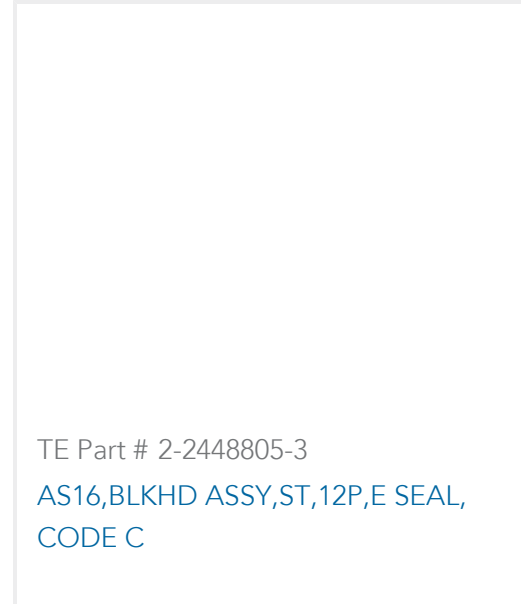
## Compatible Parts



TE Part # 2-2448805-4  
AS16,BLKHD ASSY,ST,12P,E SEAL,  
CODE D



TE Part # 5-2151962-1  
OCEAN-2.0-APPLICATOR-S-  
080F125O-RSM



TE Part # 2-2448805-3  
AS16,BLKHD ASSY,ST,12P,E SEAL,  
CODE C



TE Part # CAT-AM7801-CH8172  
AMPSEAL 16 Housings



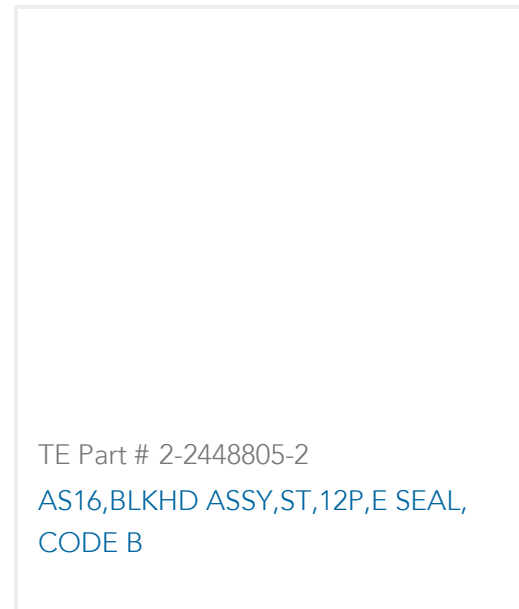
TE Part # 2119118-1  
SDE Commercial Tool & Die



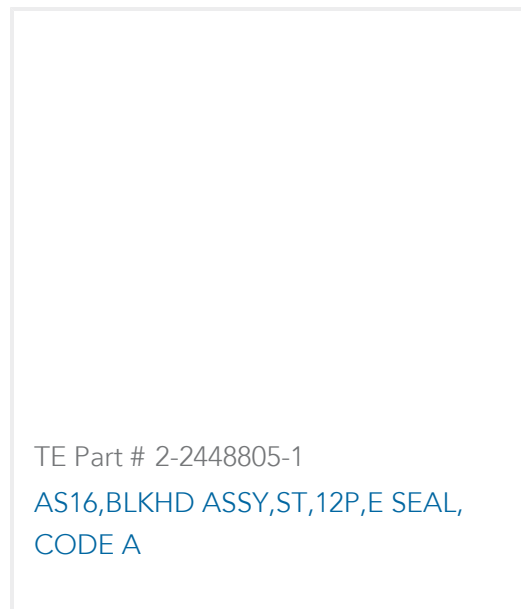
TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No  
Crimp



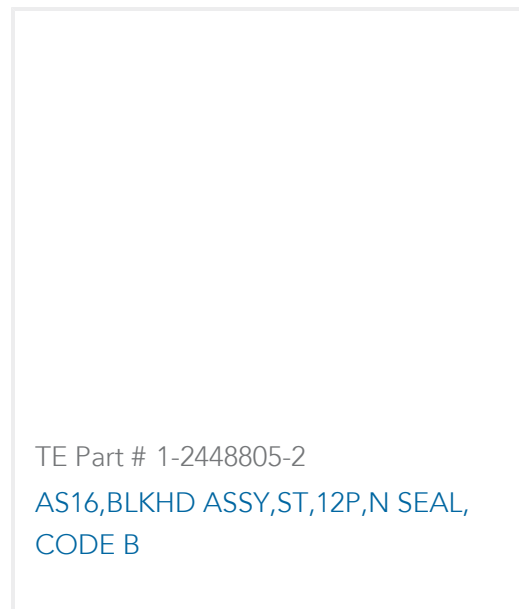
TE Part # 2320926-1  
AS16,CAP ASSY,HT,02P,E SEAL,CODE  
A



TE Part # 2-2448805-2  
AS16,BLKHD ASSY,ST,12P,E SEAL,  
CODE B



TE Part # 2-2448805-1  
AS16,BLKHD ASSY,ST,12P,E SEAL,  
CODE A



TE Part # 1-2448805-2  
AS16,BLKHD ASSY,ST,12P,N SEAL,  
CODE B



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



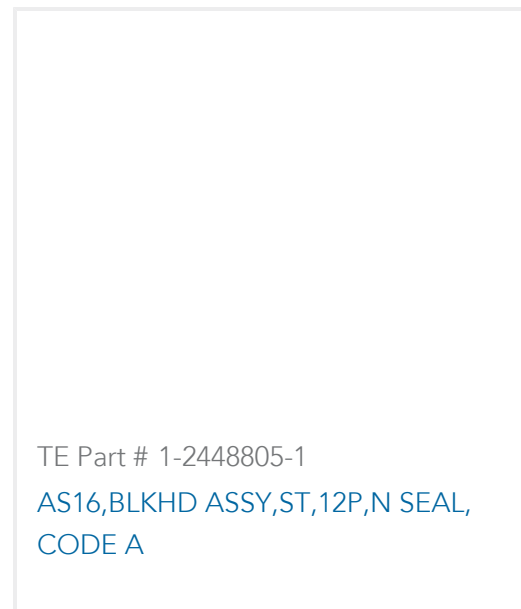
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OCEAN-2.0-APPLICATOR-S-  
080F125OA-RSA



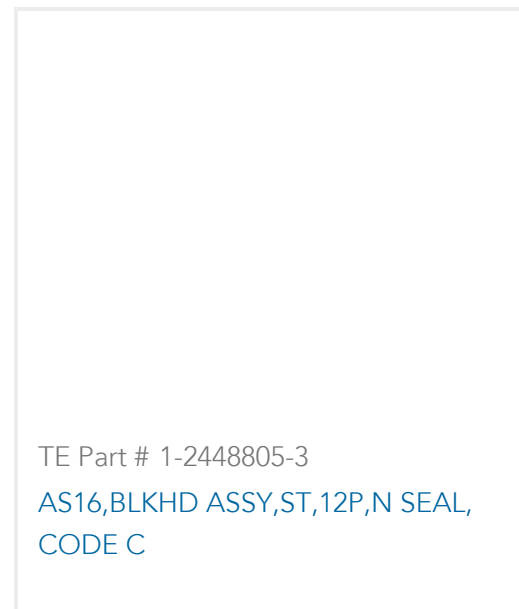
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080F125OA-RSA



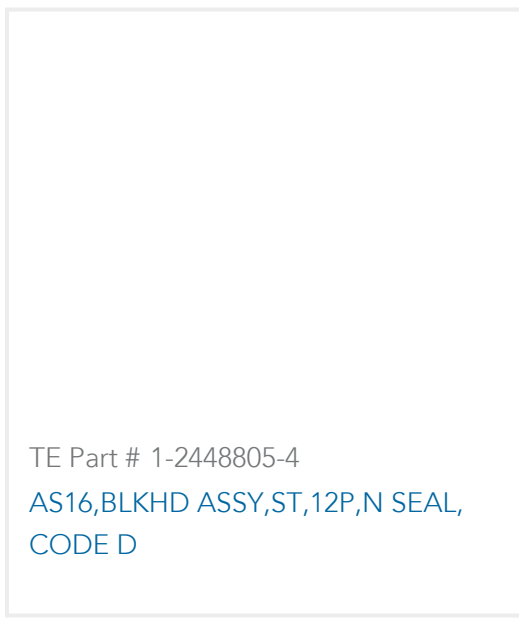
TE Part # 2320926-2  
AS16,CAP ASSY,HT,02P,E SEAL,CODE  
B



TE Part # 1-2448805-1  
AS16,BLKHD ASSY,ST,12P,N SEAL,  
CODE A



TE Part # 1-2448805-3  
AS16,BLKHD ASSY,ST,12P,N SEAL,  
CODE C



TE Part # 1-2448805-4  
AS16,BLKHD ASSY,ST,12P,N SEAL, CODE D



TE Part # 2320926-4  
AS16,CAP ASSY,HT,02P,E SEAL,CODE D




**KIT**  
TE Part # 7-2151962-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F125O  
REPRESENTATION ONLY




TE Part # 2320926-3  
AS16,CAP ASSY,HT,02P,E SEAL,CODE C

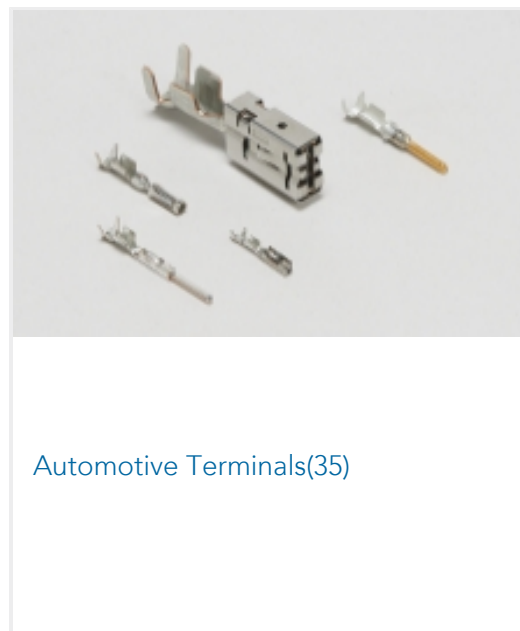
## Also in the Series | AMPSEAL 16




Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance (6)



Automotive Terminals (35)



Data Connectivity Headers (2)



Data Connectivity Housings (3)

## Customers Also Bought



TE Part #1-1623707-1  
TRIMMABLE 0805 0/-10% 240K



TE Part #1-1418640-5  
3POS MQS REC COD A



TE Part #852140-1  
ANVIL, RIGHT (DUAL)



TE Part #2-1623707-7  
TRIMMABLE 0805 0/-10% 120K



TE Part #1-1623707-9  
TRIMMABLE 0805 0/-10% 39K



TE Part #9-1633131-1  
ANVIL, COMBINATION .080



**CRIMPER**  
TE Part #8-1633961-4  
CRIMPER, INSULATION F PREMIUM  
REPRESENTATION ONLY



TE Part #63535-1  
TAB SPECIAL 025TPBR



## Documents

### Product Drawings

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

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1924463-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1924463-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1924463-1\\_B.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[AMPSEAL 16 CONNECTOR SERIES](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

### Product Specifications

[Application Specification](#)

English