

BACA-AMP-218

✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 1924463-1

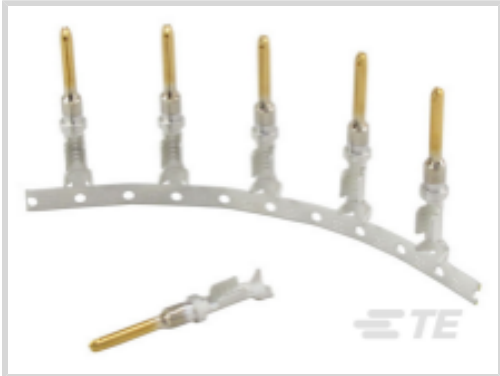
Pin Terminal, Gold (Au), 1.59 mm [.062 in] Pin Diameter, 20 – 18

AWG, .52 – .823 mm² Wire, Terminates To Wire, AMPSEAL 16

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: Pin
Interface Plating: Gold (Au)
Mating Pin Diameter: 1.59 mm [.062 in]
Terminal Transmits: 0 – 24 A (Low Power)
Wire Size: 20 – 18 AWG

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

Features

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Usage Conditions

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Dimensions



Compatible Insulation Diameter Range	1.27 – 2.72 mm[.05 – .107 in]
Wire Size	.52 – .823 mm²
Tab Length	23.21 mm[.914 in]

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]

Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

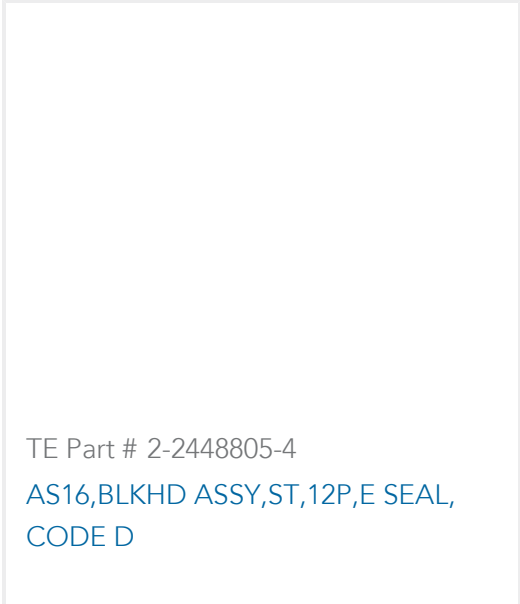
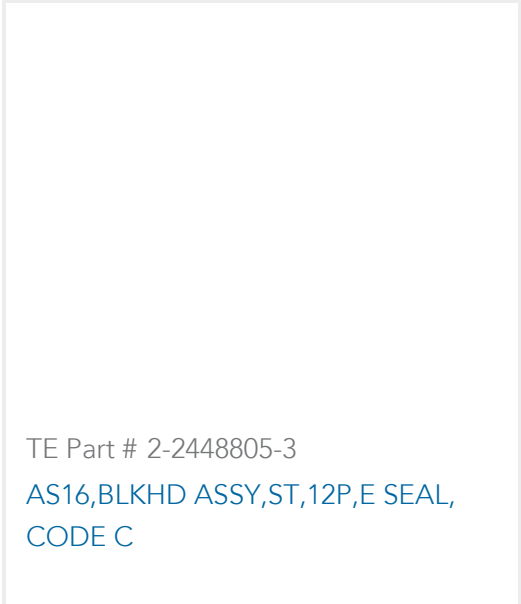
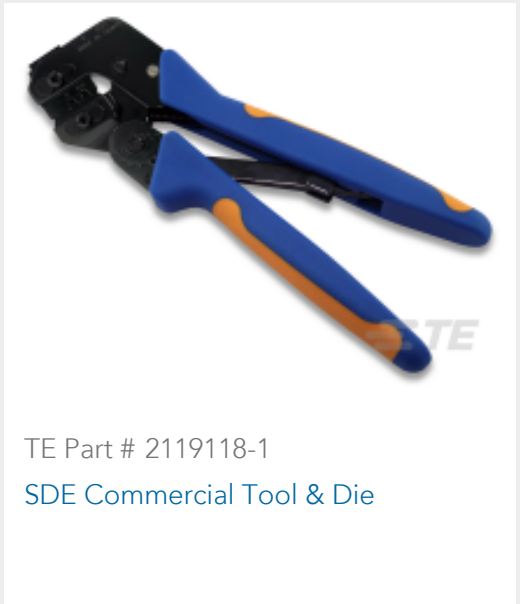
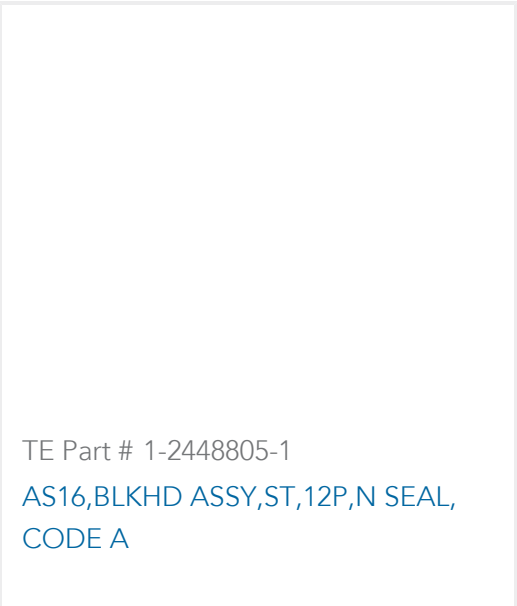
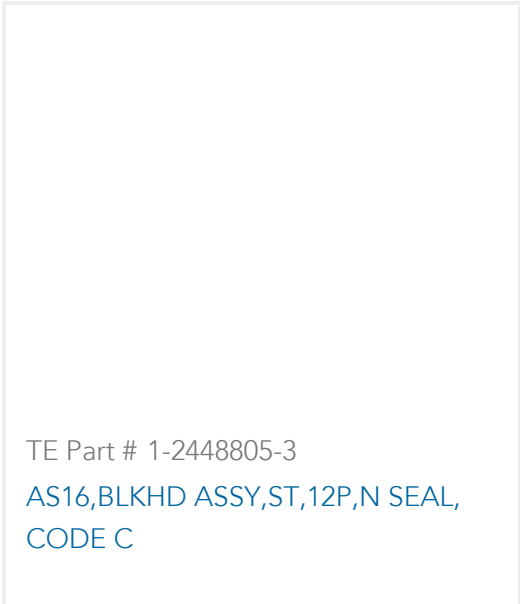
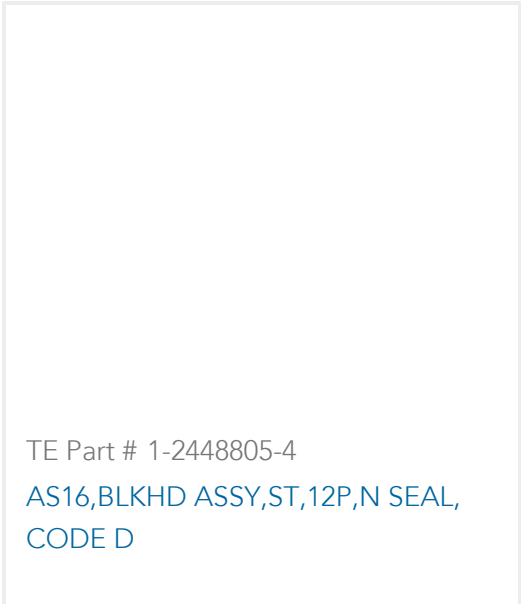
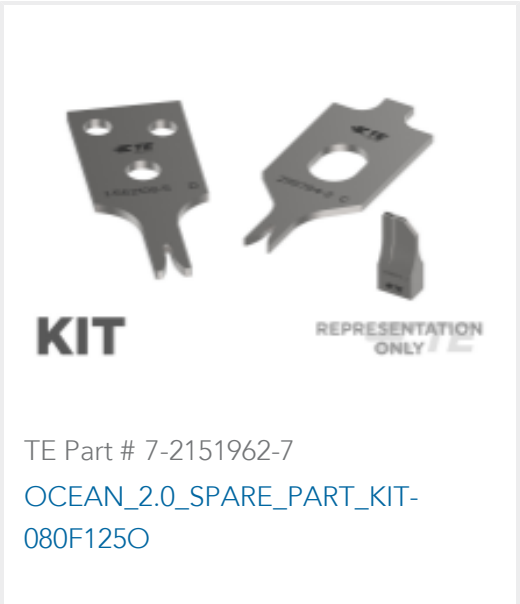
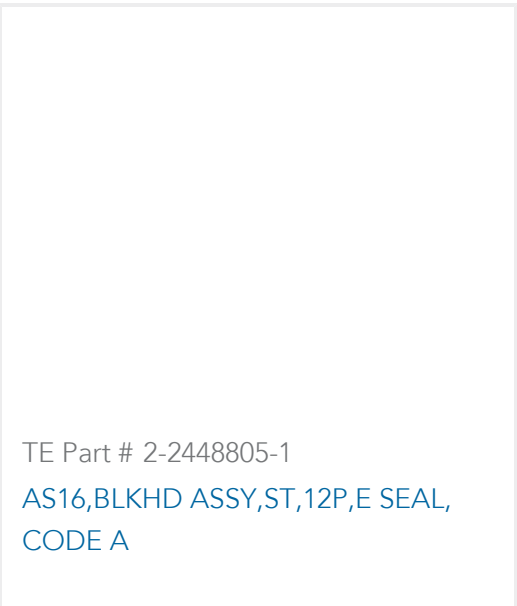
Product Compliance Disclaimer

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 # 2-2448805-3 AS16, BLKHD ASSY, ST, 12P, E SEAL, CODE C	 TE Part # 2119118-1 SDE Commercial Tool & Die	 TE Part # 5-2151962-1 OCEAN-2.0-APPLICATOR-S-080F125O-RSM
 TE Part # CAT-AM7801-CH8172 AMPSEAL 16 Housings	 TE Part # 2320926-1 AS16, CAP ASSY, HT, 02P, E SEAL, CODE A	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 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 # 7-2151962-7 OCEAN_2.0_SPARE_PART_KIT-080F125O	 TE Part # 2119118-2 SDE Commercial Tool & Die
 TE Part # CAT-AM7801-T273 AMPSEAL 16 CONTACTS	 TE Part # 2320926-4 AS16, CAP ASSY, HT, 02P, E SEAL, CODE D	 TE Part # 2320926-3 AS16, CAP ASSY, HT, 02P, E SEAL, CODE C	 TE Part # 2-2448805-1 AS16, BLKHD ASSY, ST, 12P, E SEAL, CODE A

BACA-AMP-218

Pin Terminal, Gold (Au), 1.59 mm [.062 in] Pin Diameter, 20 – 18 AWG, .52 – .823 mm²
Wire, Terminates To Wire, AMPSEAL 16



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

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

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

Also in the Series | AMPSEAL 16

Automotive Connector Locks &
Position Assurance(6)

Automotive Housings(239)

Connector Backshells(88)

Connector Seals & Cavity Plugs(10)

Data Connectivity Headers(2)

Other Automotive Connector
Accessories(8)

Rectangular Backshells & Clamps(74)

Customers Also Bought

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

TE Part #6-1623707-7
TRIMMABLE 1206 0/-10% 20K

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

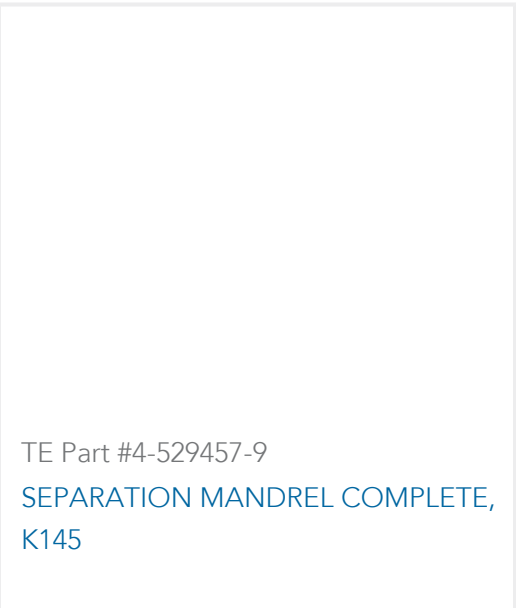
TE Part #2-1623707-7
TRIMMABLE 0805 0/-10% 120K

TE Part #2-1623707-4
TRIMMABLE 0805 0/-10% 150R

TE Part #1-1623707-6
TRIMMABLE 0805 0/-10% 1K5

TE Part #2-1623707-2
TRIMMABLE 0805 0/-10% 24K

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



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

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