2098250-1 ✔ ACTIVE

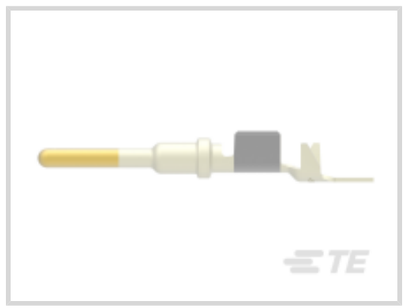
AMP | AMPSEAL 16

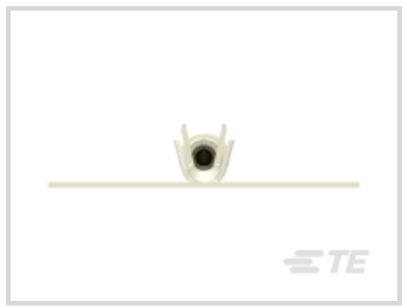
TE Internal #: 2098250-1

Pin, Pin Diameter 1.59 mm [.062 in], 18 – 15 AWG Wire Size, .82 – 1.5 mm² Wire Size, Gold (Au) Interface Plating, AMPSEAL 16, Automotive Terminals

View on TE.com >

Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS




Terminal Type: **Pin**

Mating Pin Diameter: **1.59 mm [.062 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.82 – 1.5 mm²**

All AMPSEAL 16 CONTACTS (35)

Features

Operation/Application

Compatible With Wire Base Material	Copper

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

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

Dimensions

Wire Size	.82 – 1.5 mm²
Tab Length	23.21 mm[.914 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 # CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part # 2151617-1
OCEAN-2.0-APPLICATOR-S-090F130O-RSM



TE Part # 2151617-2
OCEAN-2.0-APPLICATOR-S-090F130OA-RSA



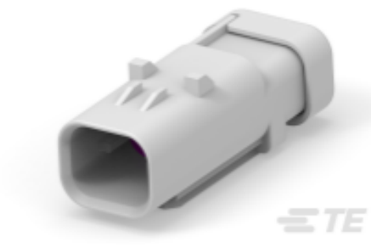
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



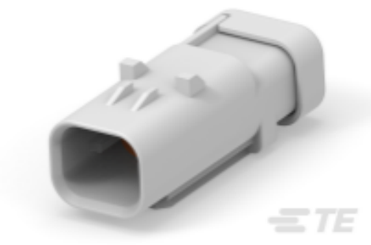
TE Part # 2320926-1
AS16,CAP ASSY,HT,02P,E SEAL,CODE A



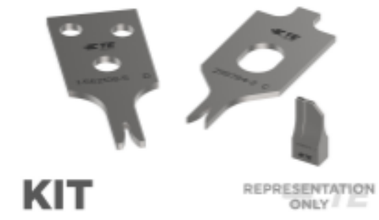
TE Part # 2320926-2
AS16,CAP ASSY,HT,02P,E SEAL,CODE B



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



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



TE Part # 7-2151617-7
OCEAN_2.0_SPARE_PART_KIT-090F130O

TE Part # 1-2448800-1
AS16,BLKHD ASSY,ST,02P,N SEAL, CODE A

TE Part # 1-2448800-2
AS16,BLKHD ASSY,ST,02P,N SEAL, CODE B

TE Part # 1-2448800-3
AS16,BLKHD ASSY,ST,02P,N SEAL, CODE C

TE Part # 1-2448800-4
AS16,BLKHD ASSY,ST,02P,N SEAL, CODE D

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

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

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 # 2-2448800-1
AS16,BLKHD ASSY,ST,02P,E SEAL, CODE A

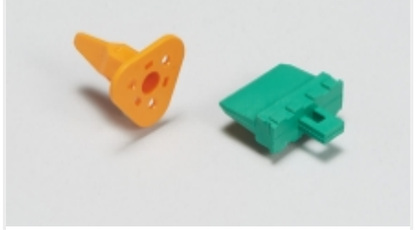
TE Part # 2-2448800-2
AS16,BLKHD ASSY,ST,02P,E SEAL, CODE B

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

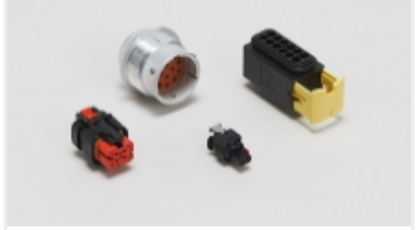
Also in the Series | AMPSEAL 16



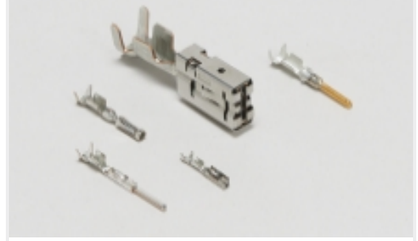
Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(239)



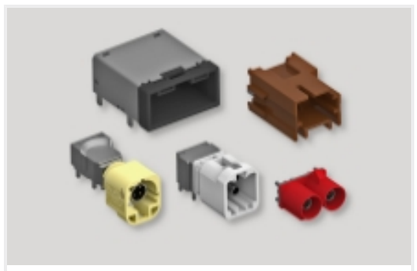
Automotive Terminals(35)



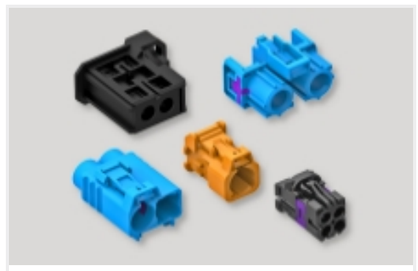
Connector Backshells(88)



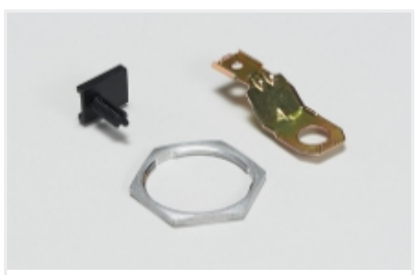
Connector Seals & Cavity Plugs(10)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(8)

Customers Also Bought



TE Part #776539-1
AMPSEAL 16 Housings



TE Part #35776
TERMINAL,SOLIS R 16-14HD 5/16



TE Part #1337352-1
E3 RECEPTACLE CONN. ASSY.



TE Part #2177090-1
STEEL,OUTER FERRULE,8MM HV, 50SQMM



TE Part #Y6462-241-20341000
CONT SOC ASSY



TE Part #2031991-2
SDE JPT 12-24AWG DIE SET



TE Part #7-1415010-9
V23134J0165X517-EV-CBOX

TE Part #6-192041-1
LAIV 0.15mm(.006) GOLD

Documents

Product Drawings

PIN, SF, SIZE 16, 16-18 AWG, AU/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2098250-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2098250-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2098250-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

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ICT Terminals and Connectors Catalogue

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CONNECTOR SELECTOR

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Product Specifications

Application Specification

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