

2098250-3 ✓ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 2098250-3

Automotive Terminals, Pin, Pin Diameter .063 in [1.59 mm], 18 – 16

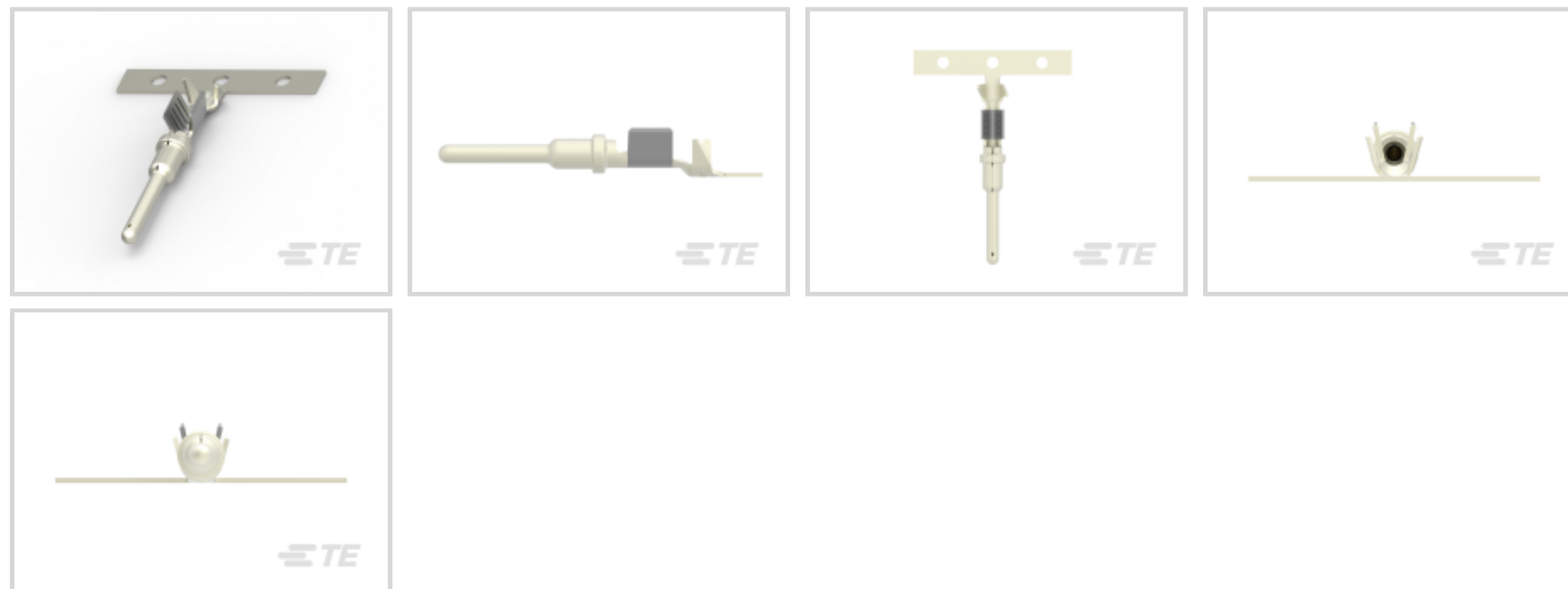
AWG Wire Size, .82 – 1.31 mm² Wire Size, Locking Clean Body,

AMPSEAL 16

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > Contacts: Size 16, 13A



Terminal Type: Pin

Mating Pin Diameter: 1.59 mm [.063 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .82 – 1.31 mm²

[All Contacts: Size 16, 13A \(33\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	Size 16
Contact Fabrication	Stamped & Formed
Typical Current Rating	13 A
Crimp Type	F-Crimp
Terminal Type	Pin
Mating Pin Diameter	1.59 mm [.063 in]
Interface Plating	Nickel (Ni)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.82 – 1.31 mm ²
Wire Size Search	16 AWG, 17 AWG, 18 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C [-40 – 248 °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](https://www.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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151617-1
OCEAN-2.0-APPLICATOR-S-090F1300



TE Part # 2-2151617-2
OCEAN-2.0-APPLICATOR-S-090F1300A



TE Part # 2151617-1
OCEAN-2.0-APPLICATOR-S-090F1300



TE Part # 2151617-2
OCEAN-2.0-APPLICATOR-S-090F1300A



TE Part # 2320926-1
2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 1



TE Part # 2320926-2
2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 2



TE Part # 2320926-3
2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 3



TE Part # 2320926-4
2POS,AMPSEAL 16,PIN HSG ASSY, SLD,COD 4



TE Part # 7-2151617-1
OCEAN-2.0-APPLICATOR-S-090F1300



TE Part # 7-2151617-2
OCEAN-2.0-APPLICATOR-S-090F1300A



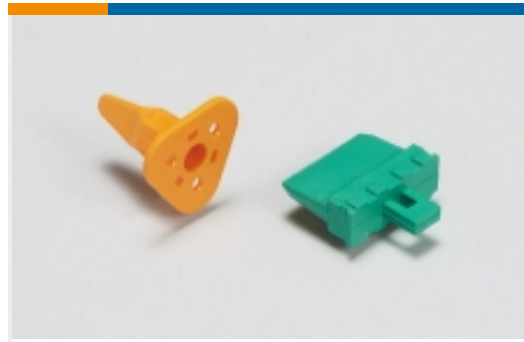
KIT
REPRESENTATION ONLY

TE Part # 7-2151617-7
OCEAN_2.0_SPARE_PART_KIT-090F1300

Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (85)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(241)



Automotive Seals & Cavity Plugs(4)



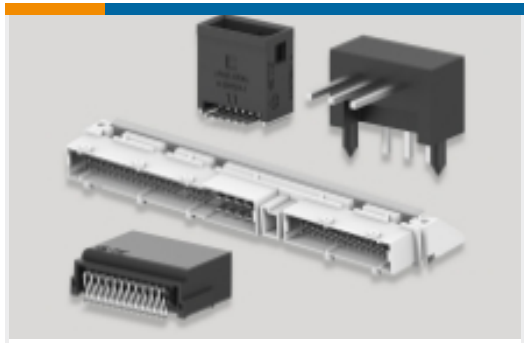
Automotive Terminals(33)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(3)

Customers Also Bought



TE Part #2-328657-1
N PIDG RING 22-16 2



TE Part #1971783-1
PTL RECEPTACLE CONTACT, 16-19 AWG, 2X22



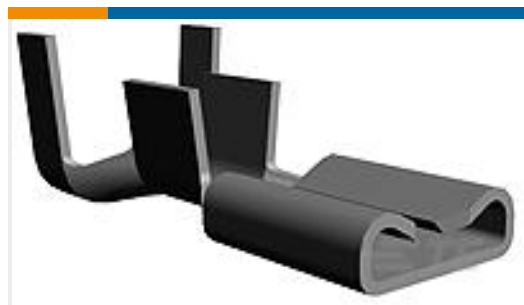
TE Part #328527
TERMINAL,PG R 16-14 8



TE Part #2-324165-1
TERMINAL,PG SPD FLG 16-14 6



TE Part #42721-1
RING TONGUE CRIMP 20-16 AWG BR



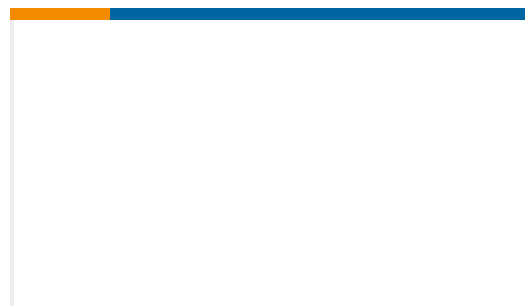
TE Part #63697-1
187 FASTON REC 18-14 AWG TPBR



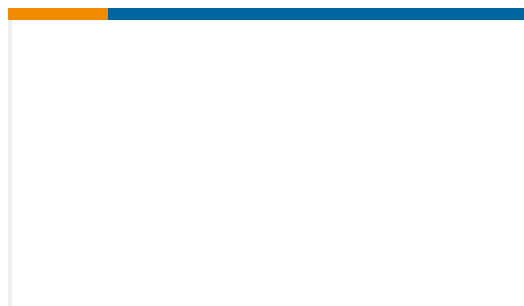
TE Part #2292802-3
AS16 BACKSHELL, 12P PLUG, NC16, MC



TE Part #324049
TERMINAL,T-N R 6 3/8



TE Part #C34252-000
ES1000-NO.3-B8-X-55MM



TE Part #0830956003
RBK-85-NR5100/A-X-12MM



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2098250-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2098250-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2098250-3_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English