

776492-1 ✓ ACTIVE

AMP | AMPSEAL 16

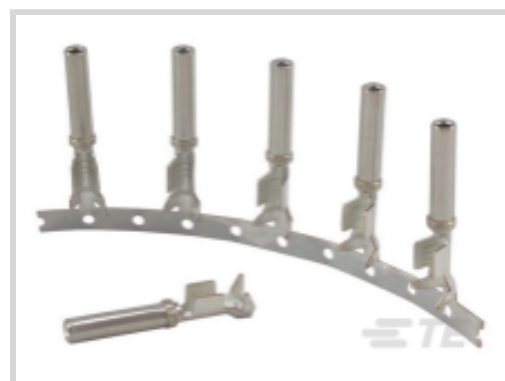
TE Internal #: 776492-1

Socket Terminal, 18 – 14 AWG, .823 – 2.08 mm² 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: **Socket**

Wire Size: **18 – 14 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
Terminal Type	Socket
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	2.26 – 3.33 mm [.089 – .131 in]
Wire Size	18 – 14 AWG



Tab Length	21.6 mm[.85 in]
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Usage Conditions

Insulation Option	Partially Insulated
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	Package
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



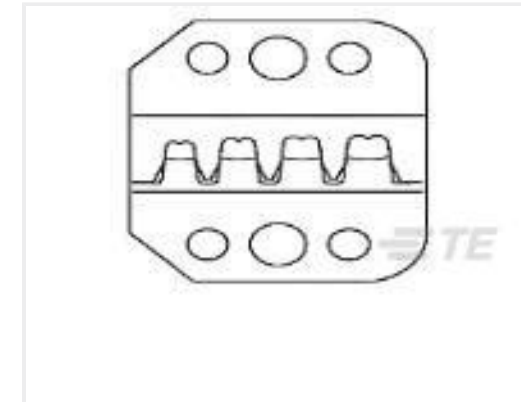
TE Part # 5-2151731-2
OCEAN_2.0_Applicator-S-100F1300-RSA



TE Part # CAT-AM7801-CH8172
AMPSEAL 16 Housings




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



TE Part # 91337-2
SIZE 16 PRO-CRIMPER DIE



TE Part # 5-2151731-1
OCEAN_2.0_Applicator-S-100F1300-RSM



TE Part # 7-2151238-7
OC-100F1300-752-CRIMPTOOLINGKIT



TE Part # CAT-H991-CH8172
AMPSEAL 16 Hybrid Lever Housings



TE Part # 2151731-2
OCEAN_2.0_Applicator-S-100F1300-RSA



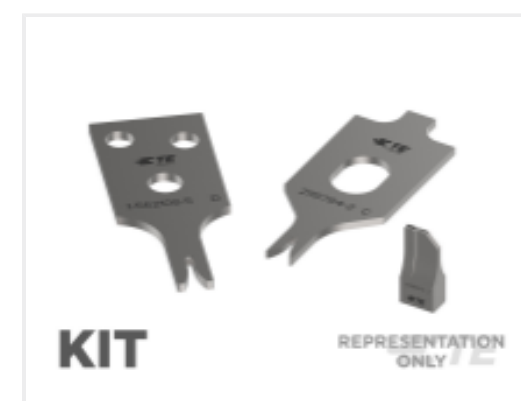
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OCEAN_2.0_Applicator-S-100F1300-RSM



TE Part # 1924463-1
PIN, SF, SIZE 16, 18-20 AWG, AU/SN




TE Part # 91337-1
SIZE 16 PRO-CRIMPER ASSY.

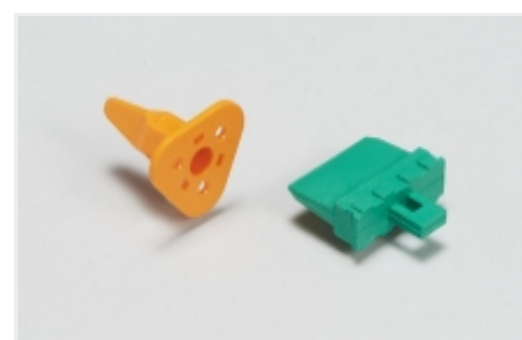


TE Part # 7-2151731-7
OCEAN_2.0_SPARE_PART_KIT-100F1300


Also in the Series | AMPSEAL 16




Automotive Connector Caps & Covers (5)



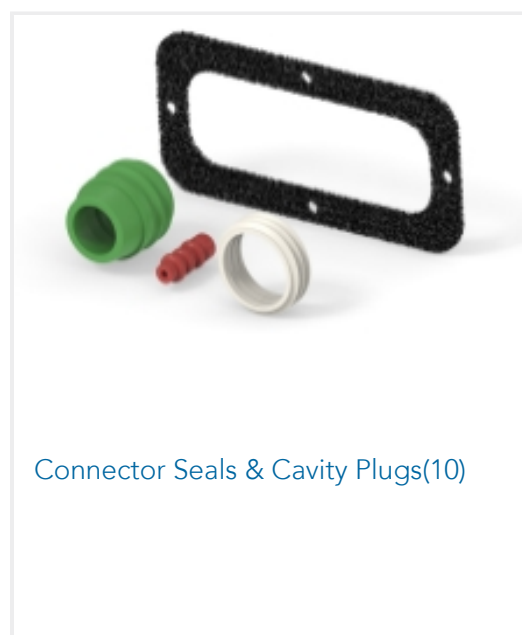
Automotive Connector Locks & Position Assurance(6)



Automotive Housings(239)



Connector Backshells(84)



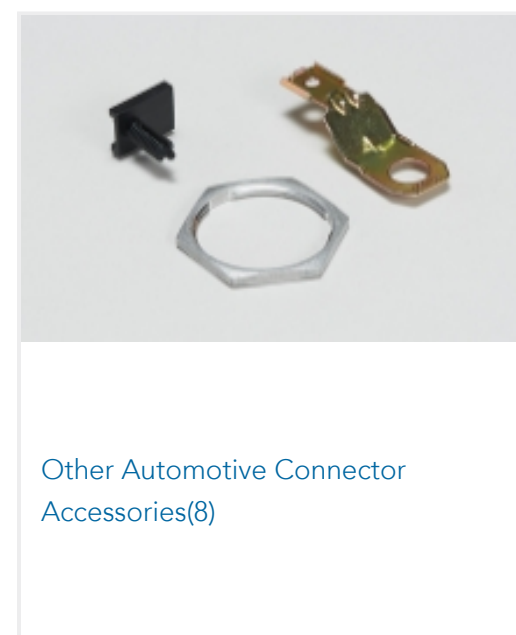
Connector Seals & Cavity Plugs(10)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(8)



Rectangular Backshells & Clamps(74)

Customers Also Bought

TE Part #776315-1
68 POSITION PLUG ASSEMBLYTE Part #1SNG602089R0000
EM-SG-PG9-MET-CTE Part #HD36-24-35PN-059
PLG,35P,AL,N, CBLCLMPBT,DRAIN,16 /20,P,MCTE Part #CAT-AM7801-B128
AMPSEAL 16 Connectors BackshellTE Part #DT04-2P-E003
REC, 2P, GRY, N, CAPTE Part #CAT-AM7801-CH8172
AMPSEAL 16 HousingsTE Part #776364-1
SEALING PLUG, SZ 20 CAVITY

Documents

Product Drawings

[SOC, SF, SIZE 16, 14-18 AWG, AU/SN](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_776492-1_A.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_776492-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776492-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English