



Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Socket**
Mating Pin Diameter: 1.59 mm [.062 in]
Terminal Transmits: 0 – 24 A (Low Power)
Wire Size: .52 – .823 mm²

[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	Partially Insulated
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

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Compatible Insulation Diameter Range	2.26 – 3.33 mm[.089 – .131 in]
Wire Size	.52 – .823 mm ²
Tab Length	21.6 mm[.85 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	Socket
Mating Pin Diameter	1.59 mm[.062 in]
Interface Plating	Tin (Sn)

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



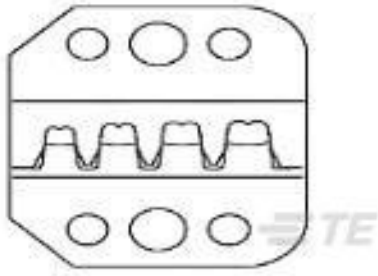
TE Part # 1924463-1
PIN, SF, SIZE 16, 18-20 AWG, AU/SN



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



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



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



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



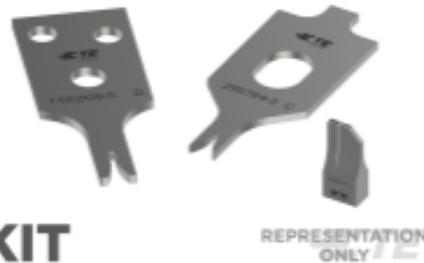
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



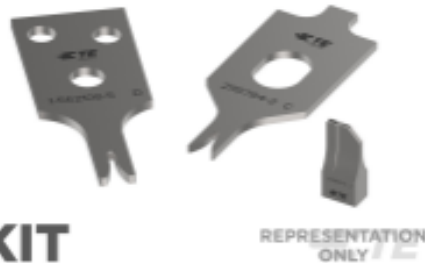
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OCEAN_2.0_Applicator-S-100F1300-RSM



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



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



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)



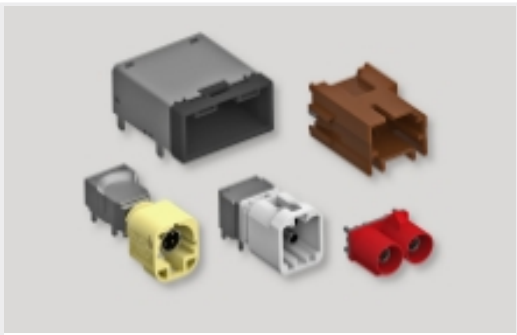
Automotive Terminals(35)



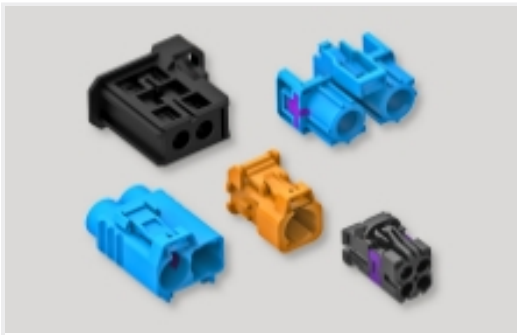
Connector Backshells(88)



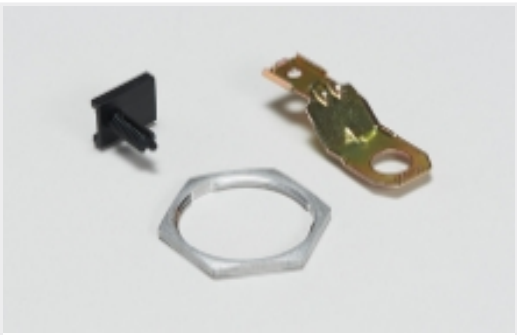
Connector Seals & Cavity Plugs(10)



Data Connectivity Headers(2)



Data Connectivity Housings(3)

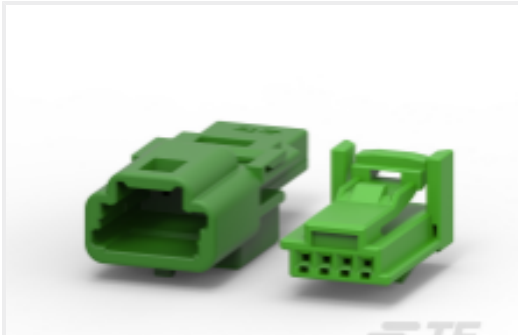


Other Automotive Connector Accessories(8)

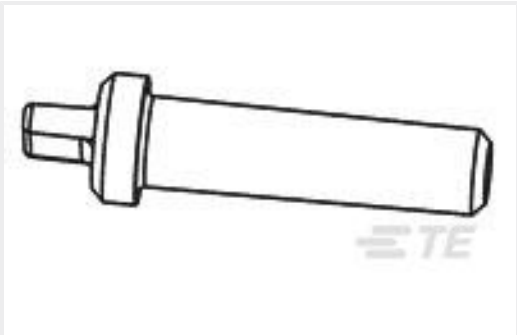
Customers Also Bought



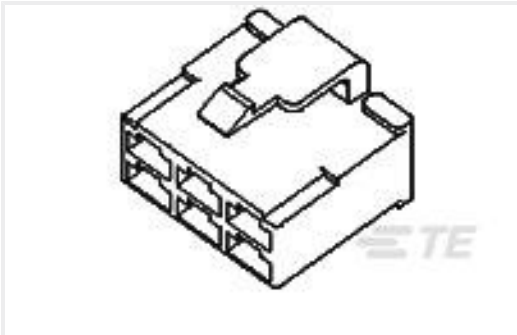
TE Part #776532-1
AMPSEAL 16 Housings



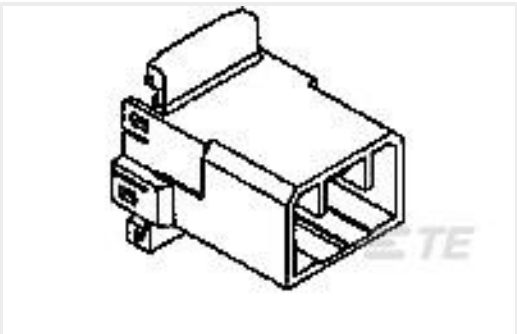
TE Part #1123340-1
TH/.025 CONNECTOR SYSTEM,
HOUSING



TE Part #776364-1
SEALING PLUG, SZ 20 CAVITY



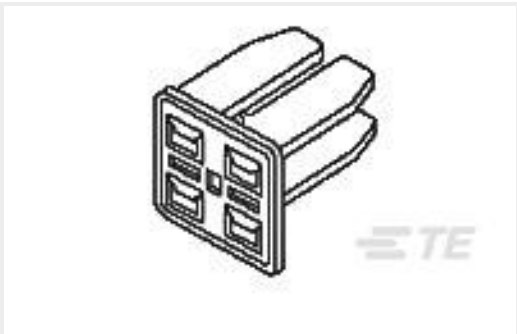
TE Part #172134-9
FF 250 PLUG HSG 4P NYLON RED



TE Part #174936-1
070 MLC W-W CAP HSG 20P



TE Part #2-967167-6
MQS ST-GEH ASSY 3P



TE Part #1-174983-1
E-J MK-2 PLUG HSG 8P NATUDRAL

Documents

Product Drawings

SOC, SF, SIZE 16, 18-20 AWG, NI/SN

English

CAD Files

Customer View Model

ENG_CVM_776493-2_O.3d_igs.zip

English

Customer View Model



[ENG_CVM_776493-2_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_776493-2_O.2d_dxf.zip](#)

English

3D PDF

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