770476-1 ✔ ACTIVE

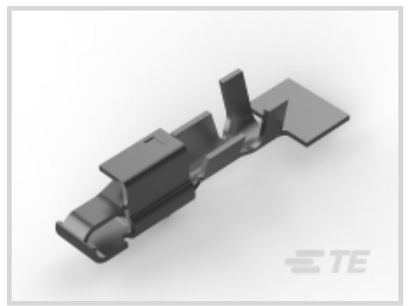
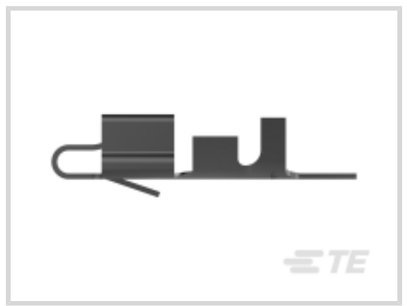
SL-156

TE Internal #: 770476-1

Tin-Lead, Socket Contact, 24 – 18 AWG, 250 VAC, .2 – .9 mm² Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Phosphor Bronze, SL-156

View on TE.com >

Connectors > Contacts > Connector Contacts > Connector Contacts: Wire-to-Board Socket, SL 156




Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

All Connector Contacts: Wire-to-Board Socket, SL 156 (23)

Features

Product Type Features

Applied Pressure	High

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	10 A

Mating Square Post Dimension	1.14 mm[.045 in]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Finish	Bright
Contact Underplating Material	Nickel

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance

Dimensions

Wire Size	.2 – .9 mm²
Compatible Insulation Diameter Range	1.09 – 2.79 mm[.043 – .11 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	5500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

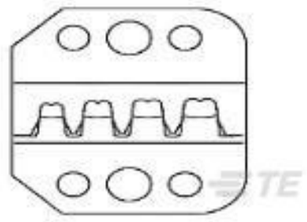
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690971273) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 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 # 58614-2
PROCRIMP, DIE, SL156



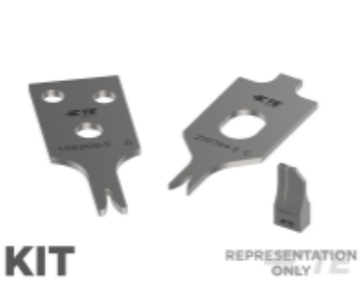
TE Part # 2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA-RSA



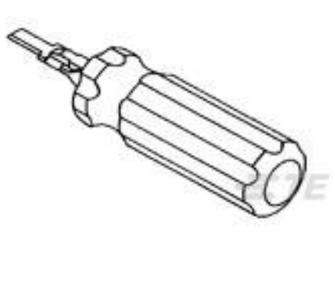
TE Part # 2479636-1
EXTRACTION TOOL



TE Part # 58614-1
PROCRIMP, HT&D SL156



TE Part # 7-2151033-7
OCEAN_2.0_SPARE_PART_KIT-070F100F



TE Part # 90471-1
EXTRACTION TOOL, SC-156



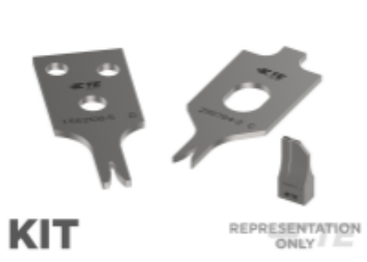
TE Part # 5-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA-RSA



TE Part # 2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F-RSM



TE Part # 91597-1
CCII SL-156 REC 24-18 ASSY



TE Part # 7-2266602-7
OCEAN_2.0_SPARE_PART_KIT-070F100F

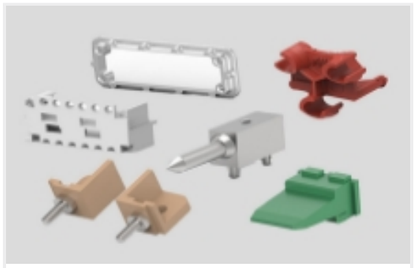


TE Part # 5-2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F-RSM

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



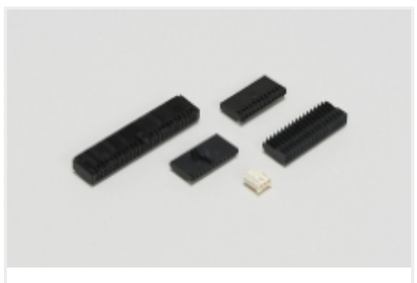
Power Contacts(13)



Rectangular Connector Housings(150)



Rectangular Power Connectors(147)



Wire-to-Board Connector Assemblies & Housings(146)

Customers Also Bought



TE Part #800305-SF
FN393-2.5-05-11



TE Part #02560409-000
LVDT MHR 100 ASSY



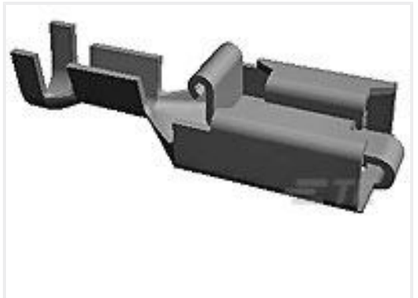
TE Part #32053
PIDG SPD 22-16 COMM 22-18MIL 8



TE Part #42864-1
RING CRIMP 12-10 AWG BR



TE Part #60419-2
250 FASTON FLAG REC 18-14 AWG TPBR



TE Part #160831-4
PL REC 1.0-2.5 MM2 .0160 X 2.060 TPPHBZ



TE Part #CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part #1-640389-7
17P MTA156 HDR ASSY SQ R/A F/L

Documents

Product Drawings

SL156 RECPT, SNNI/PHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770476-1_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770476-1_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770476-1_Y.3d_stp.zip

English

Customer View Model

ENG_CVM_770476-1_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_770476-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_770476-1_K.3d_stp.zip

English

3D PDF

English

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Datasheets & Catalog Pages

7-1773461-7_SL-156_CONNECTOR_TPA_DEVICE

English

Product Specifications

Application Specification

English