



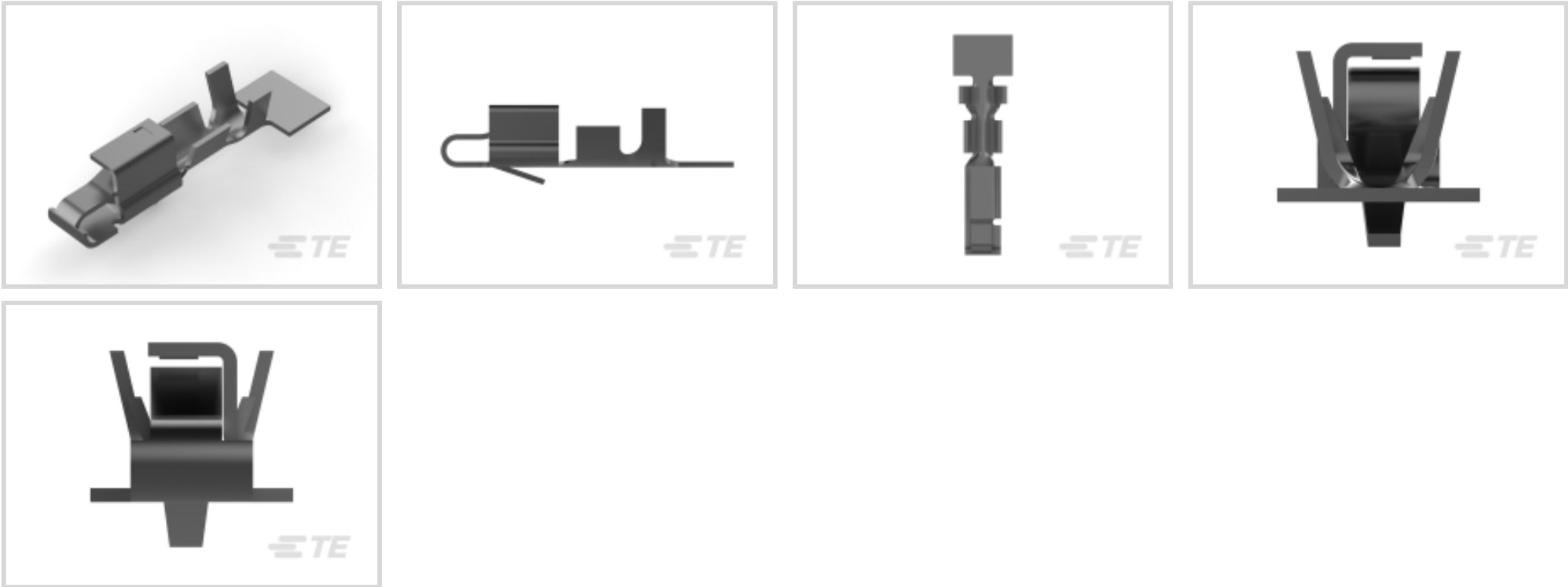
SL-156

TE Internal #: 3-770476-1

Socket Contact, Tin (Sn), 250 VAC, Locking Lance Contact Retention, Discrete Wire, 24 – 18 AWG, .2 – .9 mm² 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 (Sn)**

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
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Finish	Matte
Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)



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

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

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

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Method	Reel
Packaging Quantity	5500

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

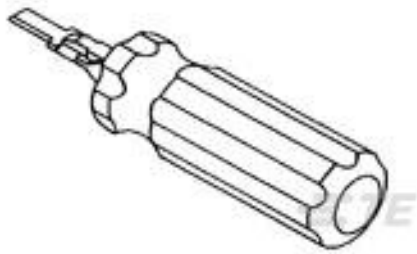
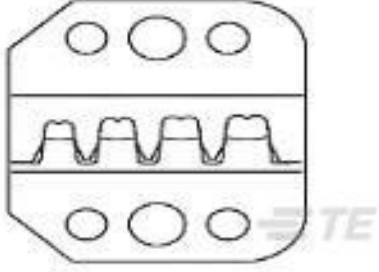
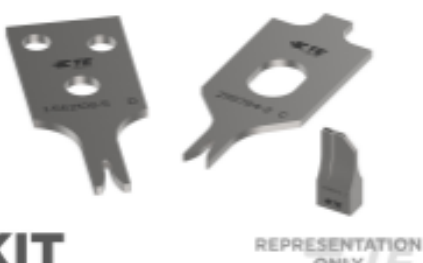
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

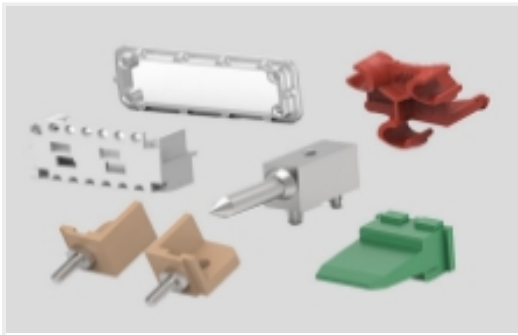
Compatible Parts

 TE Part # 90471-1 EXTRACTION TOOL, SC-156	 KIT TE Part # 7-2151033-7 OCEAN_2.0_SPARE_PART_KIT-070F100F	 TE Part # 5-2151033-2 OCEAN-2.0-APPLICATOR-S-070F100FA-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 2151033-2 OCEAN-2.0-APPLICATOR-S-070F100FA-RSA	 TE Part # 2479636-1 EXTRACTION TOOL	 TE Part # 58614-2 PROCRIMP, DIE, SL156	 TE Part # 58614-1 PROCRIMP, HT&D SL156
 TE Part # 5-2151033-1 OCEAN-2.0-APPLICATOR-S-070F100F-RSM	 KIT TE Part # 7-2266602-7 OCEAN_2.0_SPARE_PART_KIT-070F100F	 TE Part # 2151033-1 OCEAN-2.0-APPLICATOR-S-070F100F-RSM	 TE Part # 91597-1 CCII SL-156 REC 24-18 ASSY

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Power Contacts(13)



Rectangular Connector Housings(144)



Rectangular Power Connectors(144)

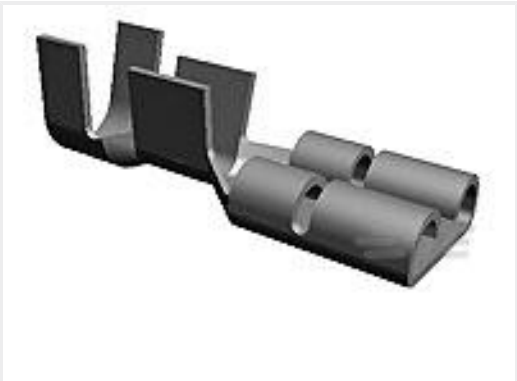


Standard Rectangular Connectors(144)



Wire-to-Board Connector Assemblies & Housings(6)

Customers Also Bought



TE Part #63306-2
250 FASTON REC 18-14 AWG TPBR



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



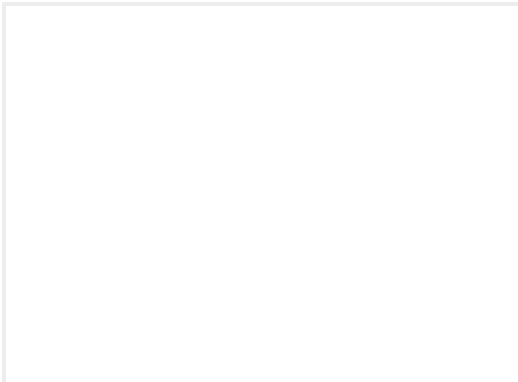
TE Part #1744001-6
06P MTA156 HDR POL .045SQ TIN



TE Part #2492671-1
08P SL156 HSG,W/LCK RMP&TABS #2&4 CKT BL



TE Part #647344-3
03P SL156 HSG W/RP TB BLK #3



TE Part #520935-9
PL&STANDARD FASTON 250 HOUSING REC BLA

Documents

Product Drawings
SL156 RECPT, SNNI/PHBZ

English

CAD Files
Customer View Model
ENG_CVM_3-770476-1_K.2d_dxf.zip

English

Customer View Model



[ENG_CVM_3-770476-1_K.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_3-770476-1_K.3d_igs.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-770476-1_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-770476-1_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-770476-1_Y.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[7-1773461-7_SL-156_CONNECTOR_TPA_DEVICE](#)

English

Product Specifications

[Application Specification](#)

English