



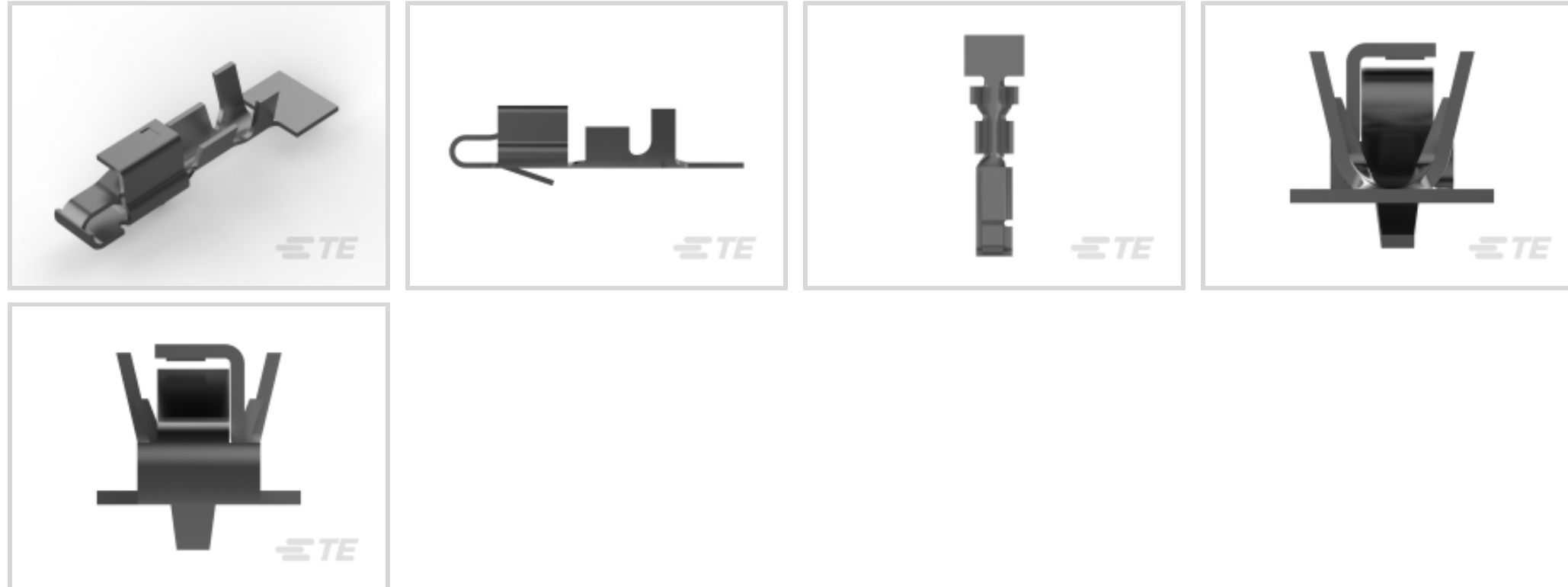
SL-156

TE Internal #: 770476-1

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

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

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 mm ²

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 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

Free


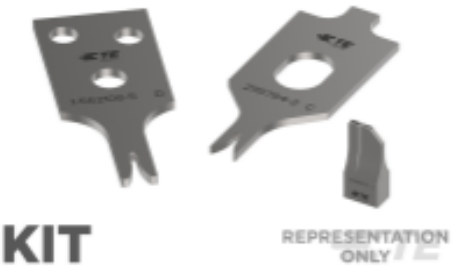

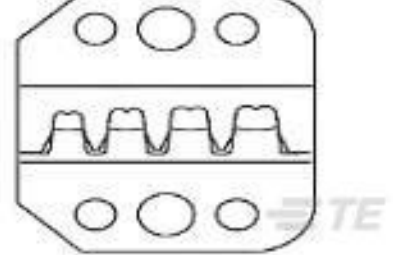
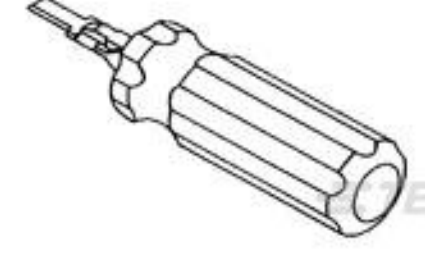




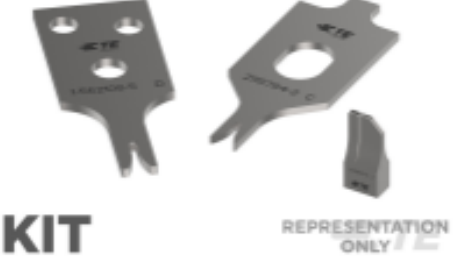
Solder Process Capability

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

 <p>TE Part # 58614-1 PROCRIMP, HT&D SL156</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151033-7 OCEAN_2.0_SPARE_PART_KIT-070F100F</p>	 <p>TE Part # 2151033-1 OCEAN-2.0-APPLICATOR-S-070F100F-RSM</p>	 <p>TE Part # 58614-2 PROCRIMP, DIE, SL156</p>
 <p>TE Part # 90471-1 EXTRACTION TOOL, SC-156</p>	 <p>TE Part # 91597-1 CCII SL-156 REC 24-18 ASSY</p>	 <p>TE Part # 2151033-2 OCEAN-2.0-APPLICATOR-S-070F100FA-RSA</p>	 <p>TE Part # 5-2151033-1 OCEAN-2.0-APPLICATOR-S-070F100F-RSM</p>
 <p>TE Part # 5-2151033-2 OCEAN-2.0-APPLICATOR-S-070F100FA-RSA</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2266602-7 OCEAN_2.0_SPARE_PART_KIT-070F100F</p>	<p>TE Part # 2479636-1 EXTRACTION TOOL</p>	

Also in the Series | **SL-156**



Connector Contacts(23)



Connector Hardware(4)



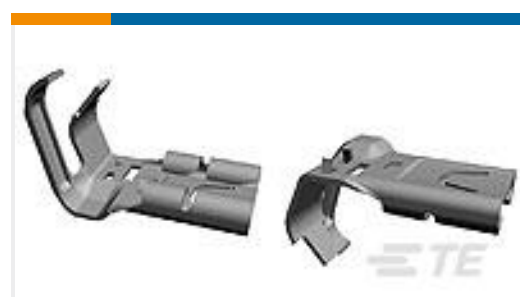
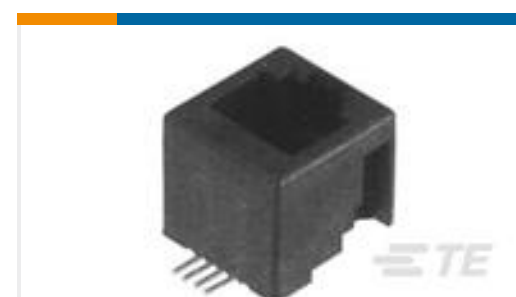
Insertion & Extraction Tools(1)



Rectangular Connector Housings(10)

Wire-to-Board Connector Assemblies
& Housings(140)

Customers Also Bought

TE Part #640250-8
Receptacle Housing: Wire-to-Board,
with Mating Alignment, SL156TE Part #3-1879071-4
THS50 50R 5%TE Part #87227-8
16 MODII HDR DRST UNSHRD .100TE Part #644752-8
08P MTA156 HDR ASSY SQ STR F/LTE Part #63316-2
187 FASTON FLAG REC 18-14 AWG
TPBRTE Part #63445-2
250 FASTON FLAG REC 18-12 AWG
TPBRTE Part #556879-4
PLUG HSG,AMPINNERGY WTB,4 POSTE Part #1-338088-3
8/8 INV.MOD.JACK

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

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English