



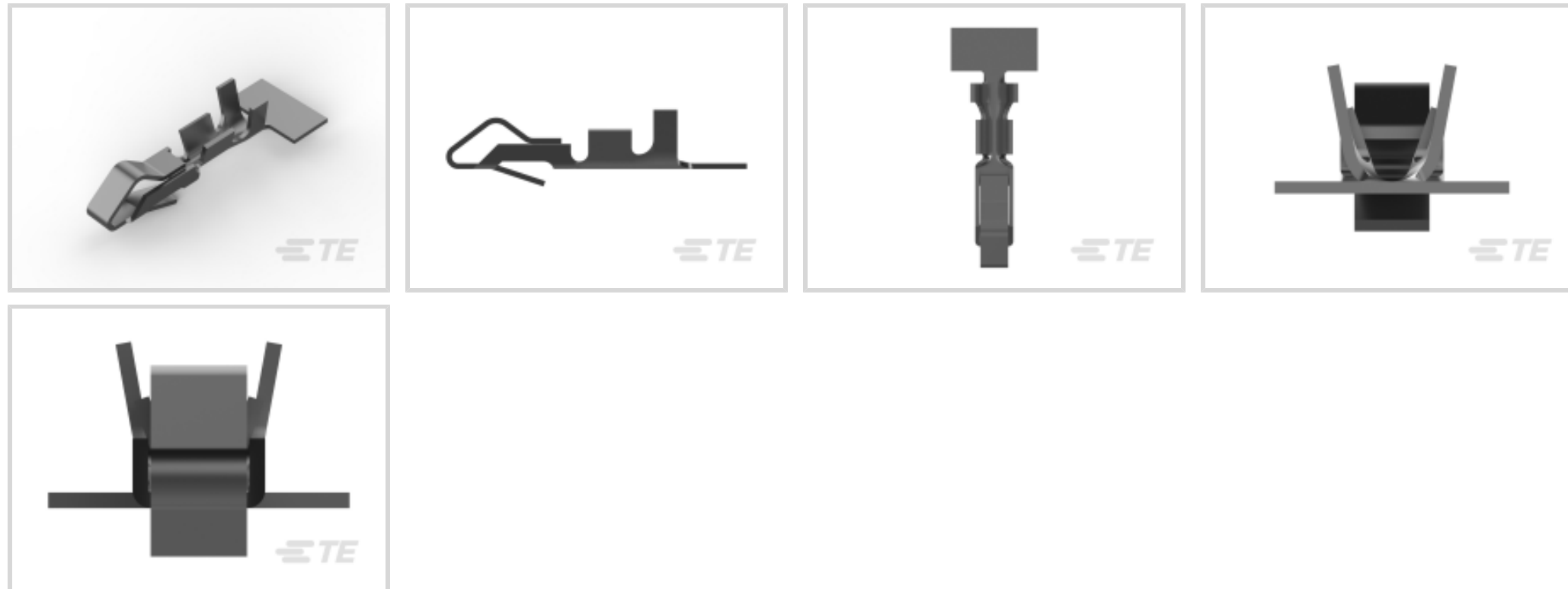
CST | SL-156

TE Internal #: 3-640252-1

Tin (Sn), Socket Contact, 24 – 18 AWG, 250 VAC, .2 – .9 mm<sup>2</sup> Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Brass, Signal, 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	Bright
Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Material Finish	Bright
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	Brass
Contact Current Rating (Max)	6.5 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

Wire Size	.2 – .9 mm <sup>2</sup>
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### Usage Conditions

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

Circuit Application	Signal
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	7500

### Product Compliance

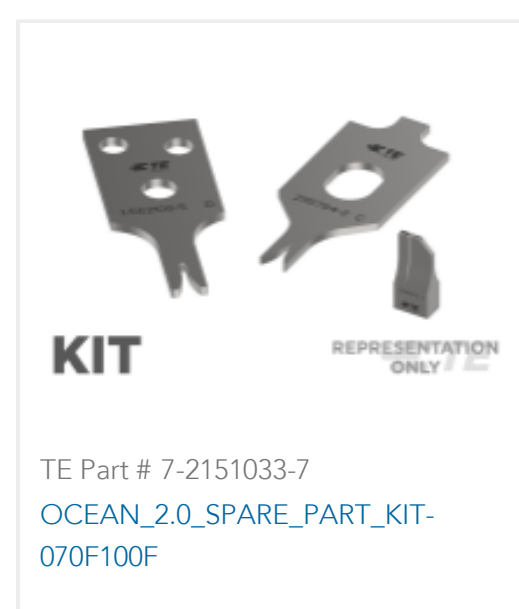
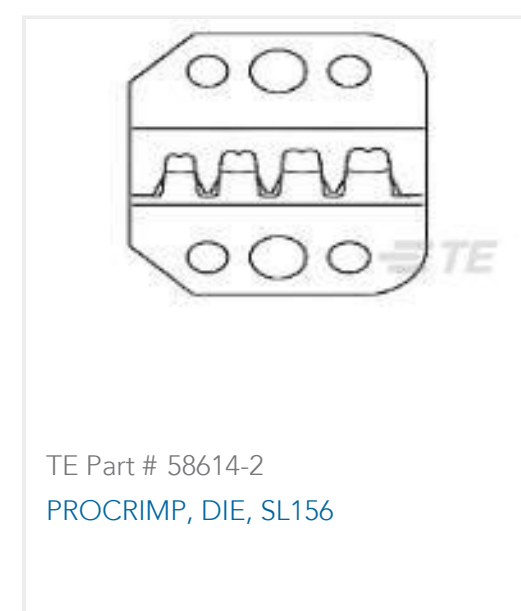
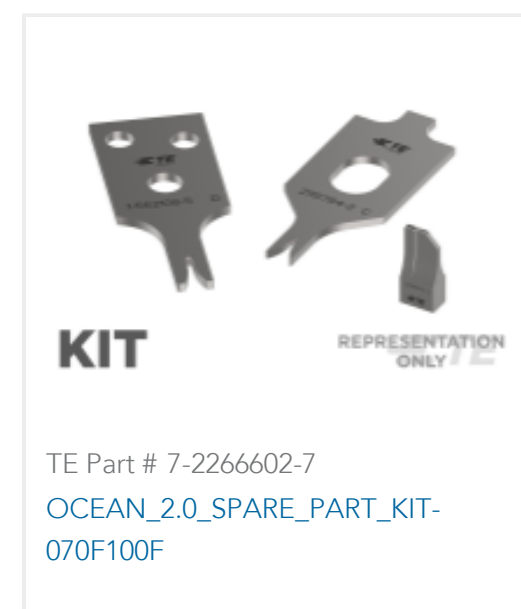
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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

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



Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



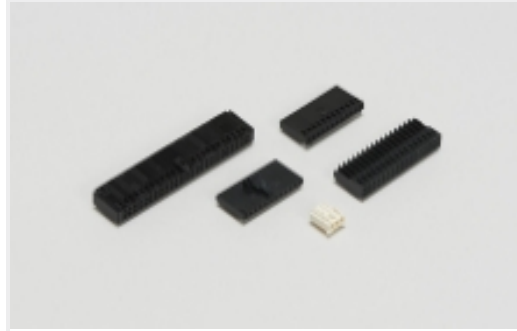
Power Contacts(13)



Rectangular Connector Housings(150)

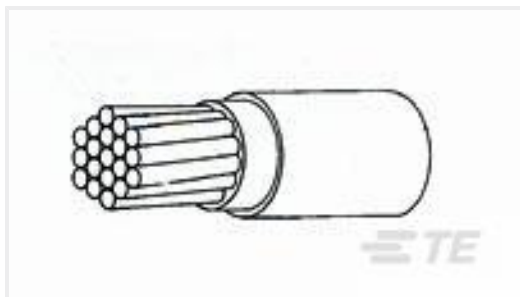


Rectangular Power Connectors(147)



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

## Customers Also Bought



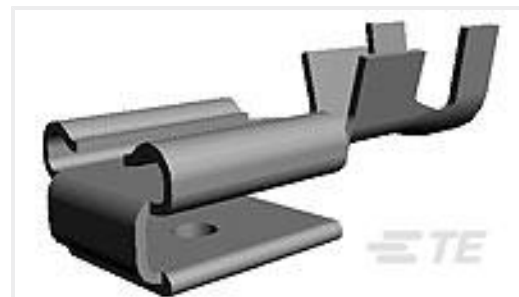
TE Part #2816973006  
 44/7031-24-1



TE Part #42110-3  
 RING TERMINAL 18-14 AWG BR



TE Part #52949-3  
 PG SPR SPD 22-16COMM 22-18MIL6



TE Part #62253-2  
 250 FASTON REC 14-10 TPBR



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



TE Part #1-520935-8  
 PL 250 HOUSING RECEPTACLE



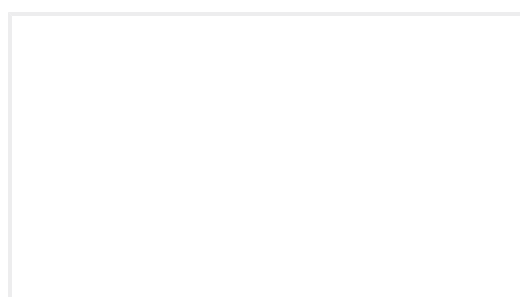
TE Part #520988-2  
 ULTRA-POD 250 ASSY REC 22-18  
 AWG TPBR



TE Part #794115-8  
 08P SL156 HSG W/LR,W/O#2  
 AWG TPBR



TE Part #1-1633962-8  
 CRIMPER, INSULATION F PREMIUM



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

## Documents



## Product Drawings

[045 POST CONT 0126PTPBR](#)

English

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## CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-640252-1\\_AT.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-640252-1\\_AT.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-640252-1\\_AT.3d\\_stp.zip](#)

English

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

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## Product Specifications

[Application Specification](#)

English