



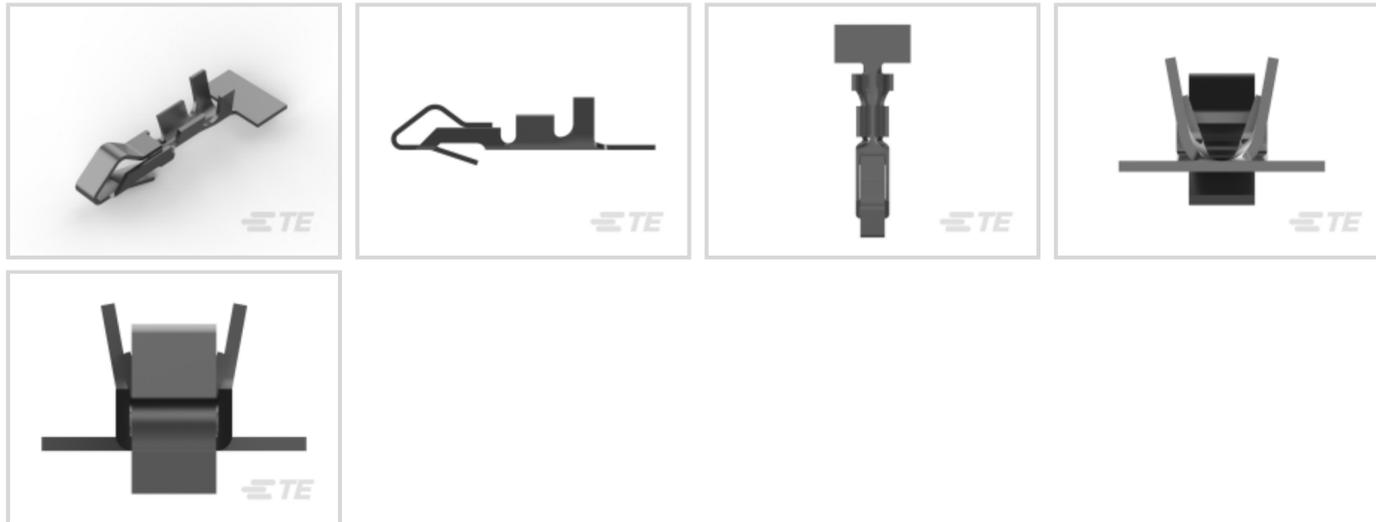
**SL-156**

TE Internal #: 640252-2

Socket Contact, 24 – 18 AWG, 250 VAC, .2 – .9 mm<sup>2</sup> Wire, Locking Lance Contact Retention, Tin (Sn), 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: **Pre-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 Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With



Contact Base Material	Brass
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Contact Current Rating (Max)	6.5 A
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### 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
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Packaging Quantity	7000
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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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)

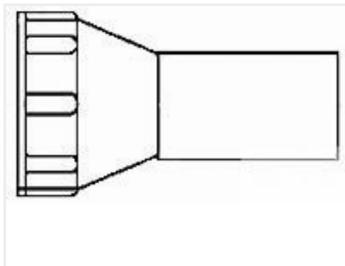
## Customers Also Bought



TE Part #819954-SF  
FN9262A-10-06



TE Part #66107-1  
III+ PIN,26-24,30AU>10,LP



TE Part #213933-1  
CPC,STRAIN RELIEF,SIZE 17



TE Part #1-480708-9  
12P UMNL PLUG HSG BLK



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



TE Part #1-1393143-2  
27E129=SOCKET,R10,16,PC,PHEN



TE Part #1419111-6  
24A110=TRACK,MOUNTING



TE Part #9-1437622-2  
KPN500B1/4=KNOB BLK W/POINTER



**CRIMPER** REPRESENTATION ONLY

TE Part #1803323-5  
CRIMPER, WIRE, F PREMIUM

## Documents



## Product Drawings

### SL-156 RECEPTACLE

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640252-2\\_AU.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640252-2\\_AU.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640252-2\\_AU.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

### SL 156 Contacts and Housings

English