



# WIRE-TO-BOARD CONNECTOR CONTACTS



## TE CONNECTIVITY (TE) SL 156 CONTACT LP CST | SL - 156

3-640706-1  
TE Internal Number: 3-640706-1

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size (AWG) **24 – 18**

Wire/Cable Size (mm<sup>2</sup>) **.2 – .9**

Contact Mating Area Plating Material **Tin**

Contact Current Rating (A) **6.5**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[RECEPTACLE, SL-156, LOOSE PIECE](#)

PDF  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
English

### Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)

PDF  
English

### Product Specifications

Product Specification

[Hooded SL 156 Connectors, Tin](#)

PDF  
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[SL 156 Connectors](#)

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English

Application Specification

[SL 156 Contacts And Housings](#)

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English

### Product Environmental Compliance

TE Material Declaration

[MD\\_3-640706-1\\_11192014935\\_dmtec](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Unmating Force	<b>High</b>
	Product Type	<b>Contact</b>
	Applies To	<b>Wire/Cable</b>
	Wire/Cable Type	<b>Discrete Wire, Stranded</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
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Contact Features	Contact Type	<b>Socket</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Current Rating (A)	<b>6.5</b>
	Contact Mating Area Plating Thickness	<b>2.03 <math>\mu\text{m}</math> [ 80 <math>\mu\text{in}</math> ]</b>
	Underplate Material	<b>Nickel</b>
	Contact Mating Area Plating Material Finish	<b>Bright</b>
	Contact Style	<b>Standard</b>
	Contact Base Material	<b>Brass</b>
	Underplate Material Thickness	<b>1.27 <math>\mu\text{m}</math>, 50 <math>\mu\text{in}</math></b>
	Contact Transmits (Typical)	<b>Power</b>

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Termination Features	Crimp Area Plating Material Finish	<b>Bright</b>
	Termination Method to Wire/Cable	<b>Crimp</b>
	Crimp Area Plating Thickness ( $\mu\text{m}$ )	<b>.2</b>
	Crimp Area Plating Material	<b>Tin</b>

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Mechanical Attachment	Contact Retention Type	<b>Locking Lance</b>
	Mating Force	<b>High Force</b>
	Contact Retention	<b>With</b>

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Dimensions	Wire/Cable Size (AWG)	<b>24 – 18</b>
	Wire/Cable Size ( $\text{mm}^2$ )	<b>.2 – .9</b>
	Insulation Diameter	<b>2.8 mm [ .11 in ]</b>

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Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
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Operation/Application

For Use With

**SL-156 Housings**

Packaging Features

Packaging Method

**Bag/Box**

Packaging Quantity





**1000**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

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