

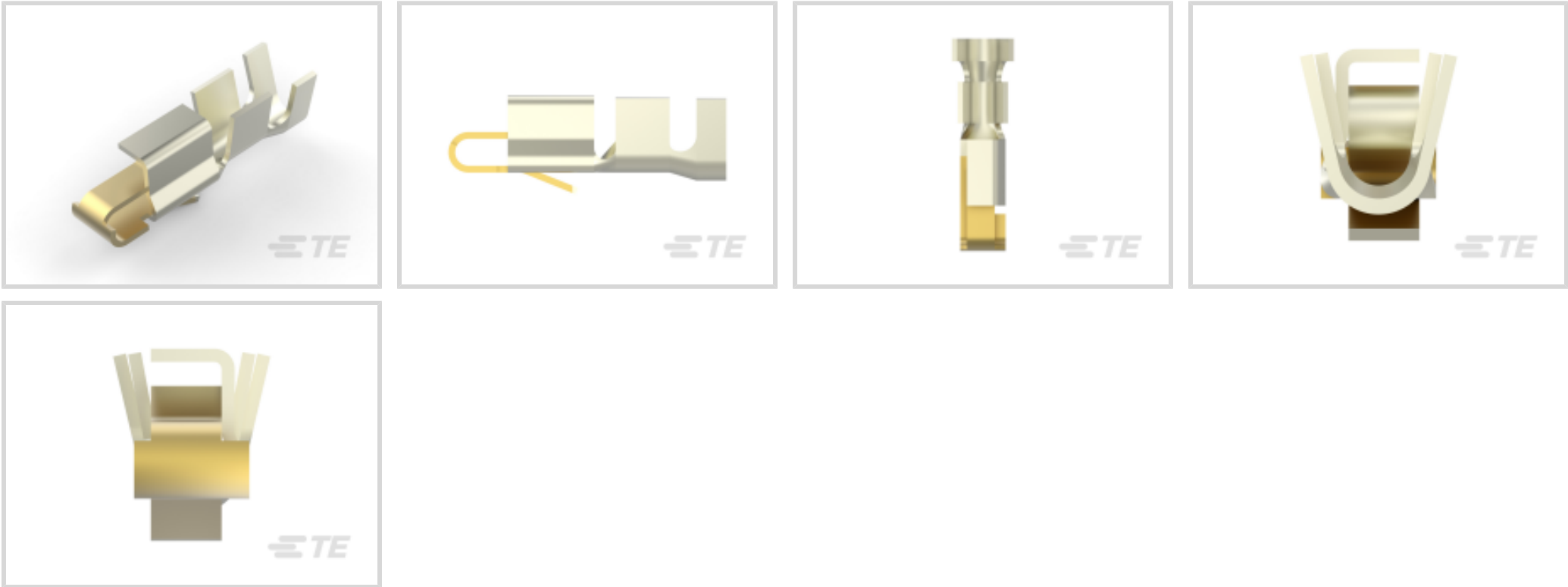


SL-156

TE Internal #: 647466-2  
Gold (Au), Socket Contact, 16 AWG, 250 VAC, 1.29 – 1.42 mm<sup>2</sup>  
Wire, Locking Lance Contact Retention, 2550 – 2800 CMA, Discrete  
Wire, 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: **Gold (Au)**  
Wire Contact Termination Area Plating Material: **Gold**  
Operating Voltage: **250 VAC**  
Contact Retention Within Housing: **With**

[All Connector Contacts: Wire-to-Board Socket, SL 156 \(23\)](#)

Features

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Type                                   | Socket           |
| Contact Mating Area Plating Material           | Gold (Au)        |
| Wire Contact Termination Area Plating Material | Gold             |
| Contact Retention Within Housing               | With             |
| Contact Base Material                          | Phosphor Bronze  |
| Contact Current Rating (Max)                   | 10 A             |
| Mating Square Post Dimension                   | 1.14 mm[.045 in] |
| Contact Underplating Material                  | Nickel           |



Termination Features

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

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
|---------------------------------------|---------------|

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Wire Size                            | 2550 – 2800 CMA               |
| Compatible Insulation Diameter Range | 1.78 – 2.84 mm[.07 – .112 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

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                  | 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

TE Part # 2266007-2  
OCEAN\_2.0\_Applicator-S-090F120F-RSA

TE Part # 2266007-1  
OCEAN\_2.0\_Applicator-S-090F120F-RSM

TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 90471-1  
EXTRACTION TOOL, SC-156

TE Part # 7-2266007-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F120F

Also in the Series | SL-156

Connector Contacts(23)

Connector Hardware(4)

Power Contacts(13)

Rectangular Connector Housings(150)

Rectangular Power Connectors(147)

Standard Rectangular Connectors(150)

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

Customers Also Bought



TE Part #W2P-P004  
WEDGE LOCK



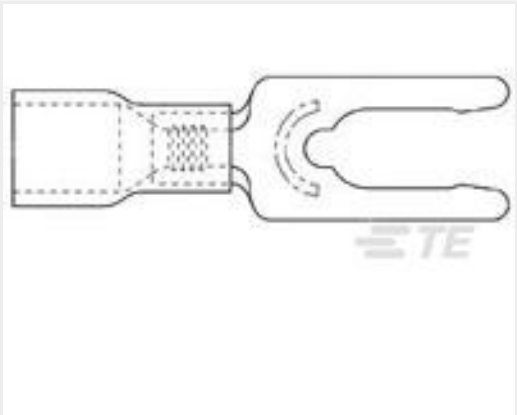
TE Part #919231-000  
101A021-25-0



TE Part #1062-12-0166  
SOC, SF, SIZE 12, 12-14, NI/SN



TE Part #2-36160-1  
PIDG 16-14 R 10; TAPE



TE Part #52705-1  
BUDGET SPRING SPADE 16-14 10



TE Part #350687-7  
UMNL SPLIT PIN AUNI/BR



TE Part #CAT-AM7053-H8172  
Mini Common Termination (CT)  
Housings



TE Part #1544964-1  
8MM NG1+ TERMINAL



TE Part #1544965-1  
8MM NG1+ TERMINAL

Documents

Product Drawings

SL156 RECPT,AUNI/PHBZ,16AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_647466-2\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_647466-2\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_647466-2\_D.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_647466-2\_C.3d\_igs.zip

English



Customer View Model

[ENG\\_CVM\\_647466-2\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_647466-2\\_C.2d\\_dxf.zip](#)

English

3D PDF

English

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Product Specifications

[Application Specification](#)

English