

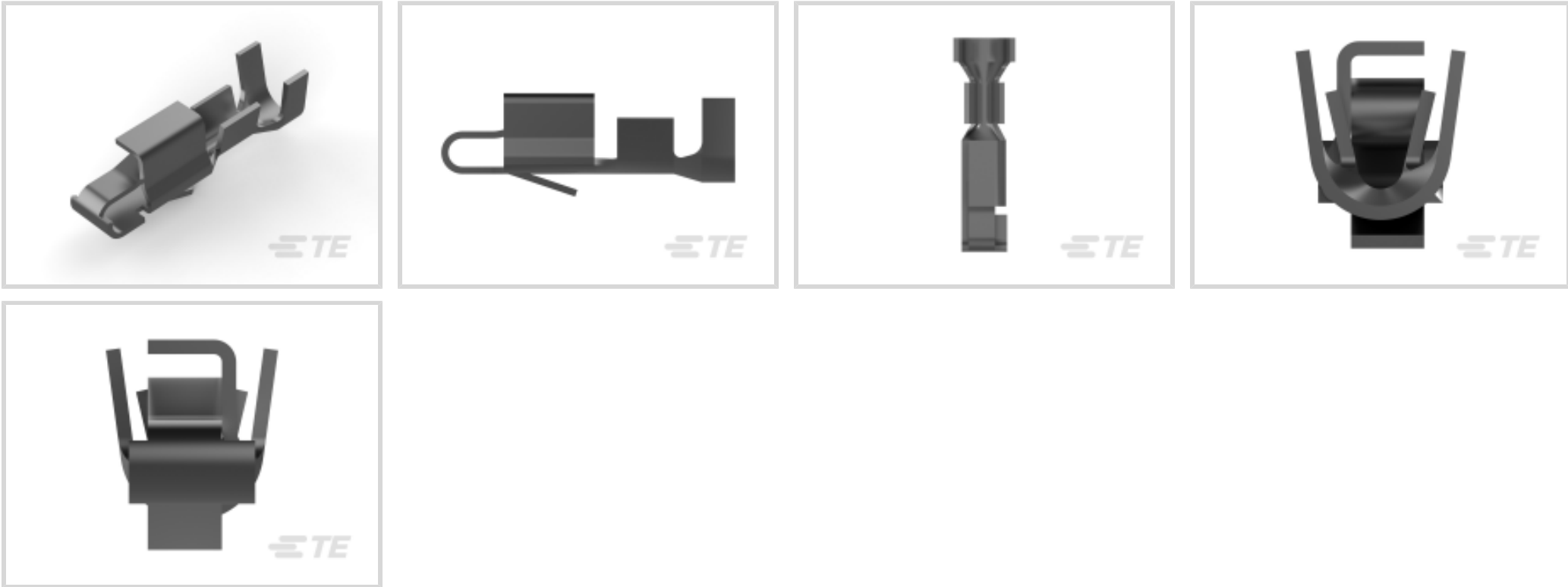


SL-156

TE Internal #: 3-647406-1  
Socket Contact, Tin, 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**  
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

Configuration Features

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

Electrical Characteristics

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

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Mating Square Post Dimension                          | 1.14 mm[.045 in] |
| Wire Contact Termination Area Plating Material Finish | Matte            |
| Contact Mating Area Plating Material Finish           | Matte            |
| Contact Type                                          | Socket           |
| Contact Mating Area Plating Material                  | Tin              |
| 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 |
|---------------------------------------|---------------|

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.78 - 2.84 mm[.07 - .112 in] |
| Wire Size                            | .2 - .9 mm <sup>2</sup>       |

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| 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                                                                                  |

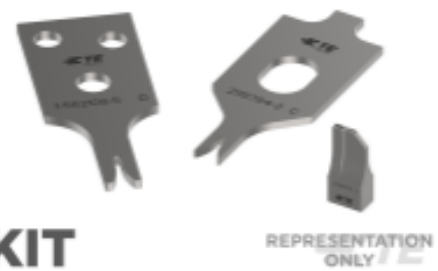
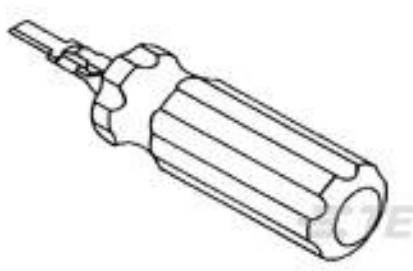
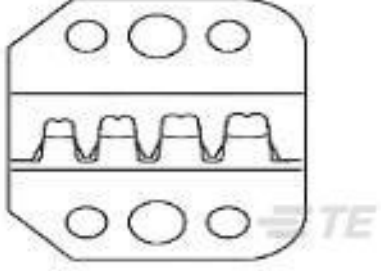
Product Compliance Disclaimer

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><b>KIT</b></p> <p>REPRESENTATION ONLY</p> |   |   |   |
| TE Part # 7-2151033-7<br>OCEAN_2.0_SPARE_PART_KIT-070F100F                                                                      | TE Part # 2151033-1<br>OCEAN-2.0-APPLICATOR-S-070F100F-RSM                          | TE Part # 90471-1<br>EXTRACTION TOOL, SC-156                                          | TE Part # 91368-2<br>PRO-C DIE SL156 24-18                                            |
|                                              |  |  |  |
| TE Part # 2151033-2<br>OCEAN-2.0-APPLICATOR-S-070F100F-RSA                                                                      | TE Part # 5-2151033-1<br>OCEAN-2.0-APPLICATOR-S-070F100F-RSM                        | TE Part # 5-2151033-2<br>OCEAN-2.0-APPLICATOR-S-070F100F-RSA                          | TE Part # 91368-1<br>PRO-C TL & DIE SL156 24-18                                       |

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)                                  |                                                                                     |                                                                                       |                                                                                       |



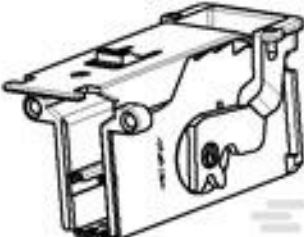
Customers Also Bought



TE Part # 647402-3  
03P SL156 HSG W/RMP&TABS,OVSZ



TE Part # 4-643819-7  
17P MTA156 CONN ASSY 22AWG LF



TE Part # 1534222-2  
MQS ABDECKKAPP2X16P



TE Part # 929051-1  
MQS ABDEKA M.HEB12P



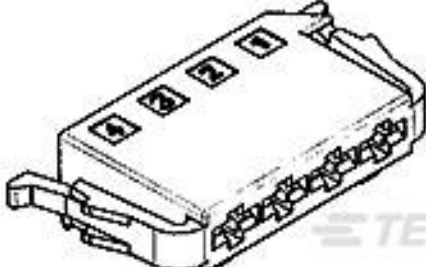
TE Part # 323152  
DG 22-16COM 22-18MIL HR R 8



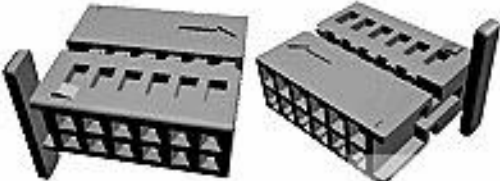
TE Part # 8-2176412-9  
5W XSM M/OX 5% 24K



TE Part # CV4186-000  
RNF-100-1/4-BK-SP-SH



TE Part # 1534390-1  
STD POW TIM HSG 5P



TE Part # 968473-1  
12POS MQS REC

Documents

- Product Drawings

SL156 HOODED CONTACT, LID LF

English
- CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_3-647406-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_3-647406-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_3-647406-1\_C.3d\_stp.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-647406-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-647406-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-647406-1\\_E.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English