



SL-156

TE Internal #: 647466-2
Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention,
Discrete Wire, 16 AWG Wire Size, 1.29 – 1.42 mm² Wire Size, 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**
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
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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]
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
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
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Dimensions

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

Usage Conditions

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

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

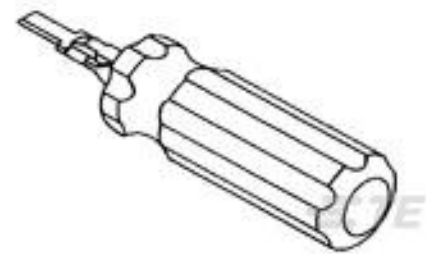
Product Compliance Disclaimer

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



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



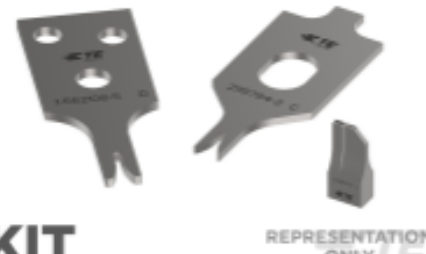
TE Part # 2266007-1
OCEAN_2.0_Applicator-S-090F120F-RSM



TE Part # 2266007-2
OCEAN_2.0_Applicator-S-090F120FA-RSA



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



TE Part # 7-2266007-7
OCEAN_2.0_SPARE_PART_KIT-090F120F

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 #205202-2
20DF PIN CONTACT,PLATED

TE Part #353908-6
Mini Common Termination (CT) Housings

TE Part #350537-6
UMNL SOK 20-14 .0125 AUNI/PHBZ

TE Part #1658623-4
20 NOVO MIL 30DP, LEAD FREE

TE Part #2-1614881-2
CPF0603 2K0 0.1% 25PPM 5K RL

TE Part #2176083-3
EP 5W (S) 22R 5%

TE Part #3-6609987-3
15SRBS8-X=F8222E

TE Part #W2P-P004
WEDGE LOCK

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

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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English