



SL-156

TE Internal #: 647485-2
Socket Contact, 16 AWG, 250 VAC, 1.29 – 1.42 mm² Wire, Locking
Lance Contact Retention, 2550 – 2800 CMA, Gold (Au), 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
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Electrical Characteristics

Operating Voltage	250 VAC
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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
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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]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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>

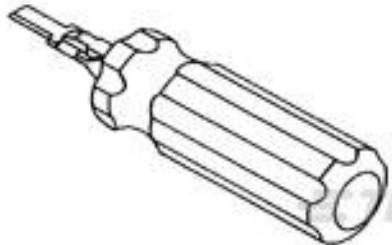
Compatible Parts



TE Part # 2479636-1
EXTRACTION TOOL



TE Part # 91369-1
PRO-C TL & DIE SL156 16



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

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



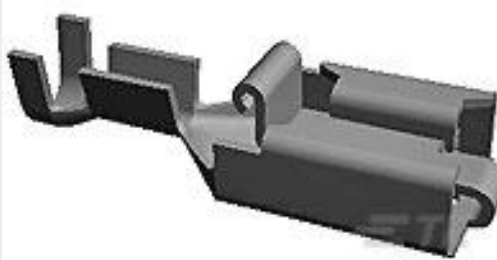
TE Part #813617-SF
IL19-US1-SJT-3160-183



TE Part #800634-SF
FN2080-12-06

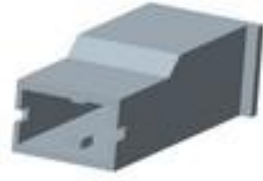


TE Part #87631-3
08 MODIV HSG COMP DR .100 POL

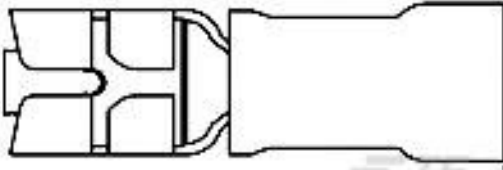


TE Part #154718-3
PL 250 REC 0.7-2.0 MM2 0.406 TPBR





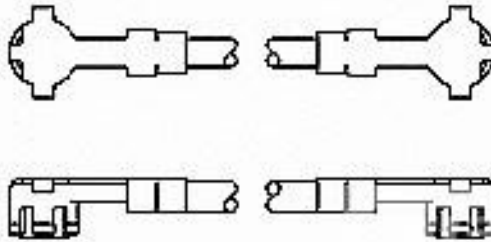
TE Part #154719
250 HSG. PL MKI REC. BLACK



TE Part #184268-2
RCPT,PIDG FASTON 187 LIF 22-18



TE Part #745508-5
FERRULE SPLIT RING, HD



TE Part #1064522-1
9960 1050 24



TE Part #5747098-1
CABLE CLAMP KIT,SZ 5

TE Part #5-1616975-5
D56C=CONTACTOR 175A 3PDT

Documents

Product Drawings

SL156 RECEPT,AUNI/PHBZ,L/P,LRG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_647485-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_647485-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_647485-2_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_647485-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_647485-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_647485-2_A.3d_stp.zip

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English