



SL-156

TE Internal #: 647485-2

Socket Contact, Gold (Au), 250 VAC, Locking Lance Contact Retention, Discrete Wire, 16 AWG, 1.29 – 1.42 mm² Wire, 2550 – 2800 CMA, 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 Underplating Material	Nickel
Mating Square Post Dimension	1.14 mm[.045 in]
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



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 Method	Bag & Box
Packaging Quantity	1000

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

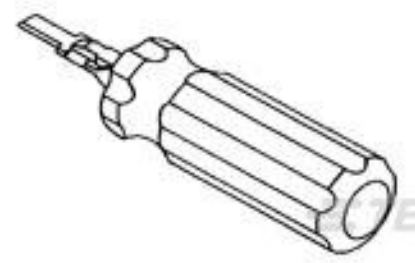
Product Compliance Disclaimer

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 # 90471-1
EXTRACTION TOOL, SC-156



TE Part # 2479636-1
EXTRACTION TOOL



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

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



Power Contacts(13)



Rectangular Connector Housings(144)



Rectangular Power Connectors(144)

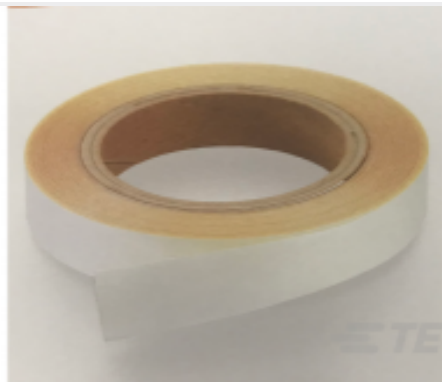


Wire-to-Board Connector Assemblies & Housings(6)

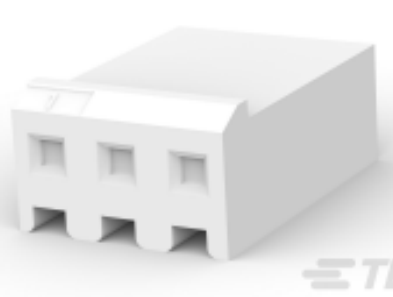
Customers Also Bought



TE Part #2132813-2
2 pos. EP II housing w/rtnr



TE Part #890060-000
S1017-1.0X50



TE Part #CAT-103156-WBHS
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part #2-34148-1
PG R 22-16 COMM 22-18 MIL 8



TE Part #350551-6
UMNL SOK 20-14 AU/PHBZ L/P

TE Part #327638
SPLICE BUTT PIDG 12-10/16-14

TE Part #9-520124-2
ULTRA-FAST 187 ASY REC 16-14 AWG
TPBR

TE Part #T4132012041-000
M12,FRONT MOUNT,MALE,A,4P,
SOLDER WIRE

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