3-647485-1 ✔ ACTIVE

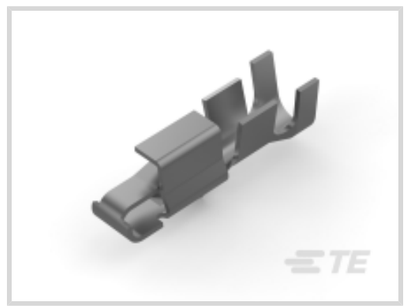
SL-156

TE Internal #: 3-647485-1

Socket Contact, Tin, 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: **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

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	1000

Dimensions

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

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Finish	Matte
Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination 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

Electrical Characteristics

Operating Voltage	250 VAC

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Termination Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

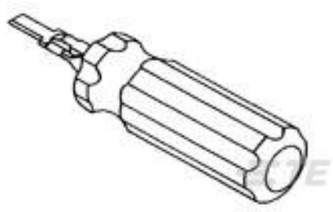
For compliance documentation, visit the product page on TE.com>

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

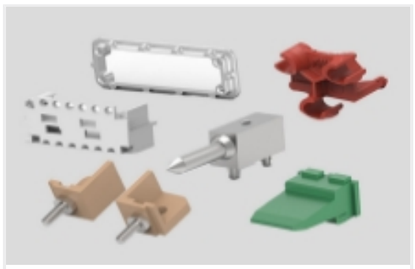


TE Part # 2479636-1
EXTRACTION TOOL

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 #647401-5
05P SL156 HSG W/RAMP,LRG OPEN



TE Part #3-647406-1
SL156 HOODED CONTACT, LID LF



TE Part #3-794630-2
02P MICRO MNL ASSY,VRT,HDR,LF



TE Part #1-794615-2
PANEL MT DBL ROW HSG 12 POS



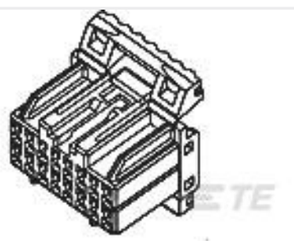
TE Part #324581
TERMINAL,PG SPD FLG 12-10 6



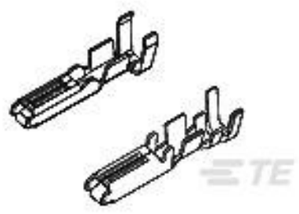
TE Part #4-640601-2
12P MTA156 CONN ASSY 22AWG LF



TE Part #5-103956-5
4X6 MTE RCPT SR LATCH .100CL



TE Part #175442-6
HYBRID PLUG HSG 12P GRAY



TE Part #175026-1
070 REC CONTACT L.P 24-22

Documents

Product Drawings

SL156 HOODED CONT,LID, LP LF

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_3-647485-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_3-647485-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_3-647485-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-647485-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-647485-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-647485-1_B.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