

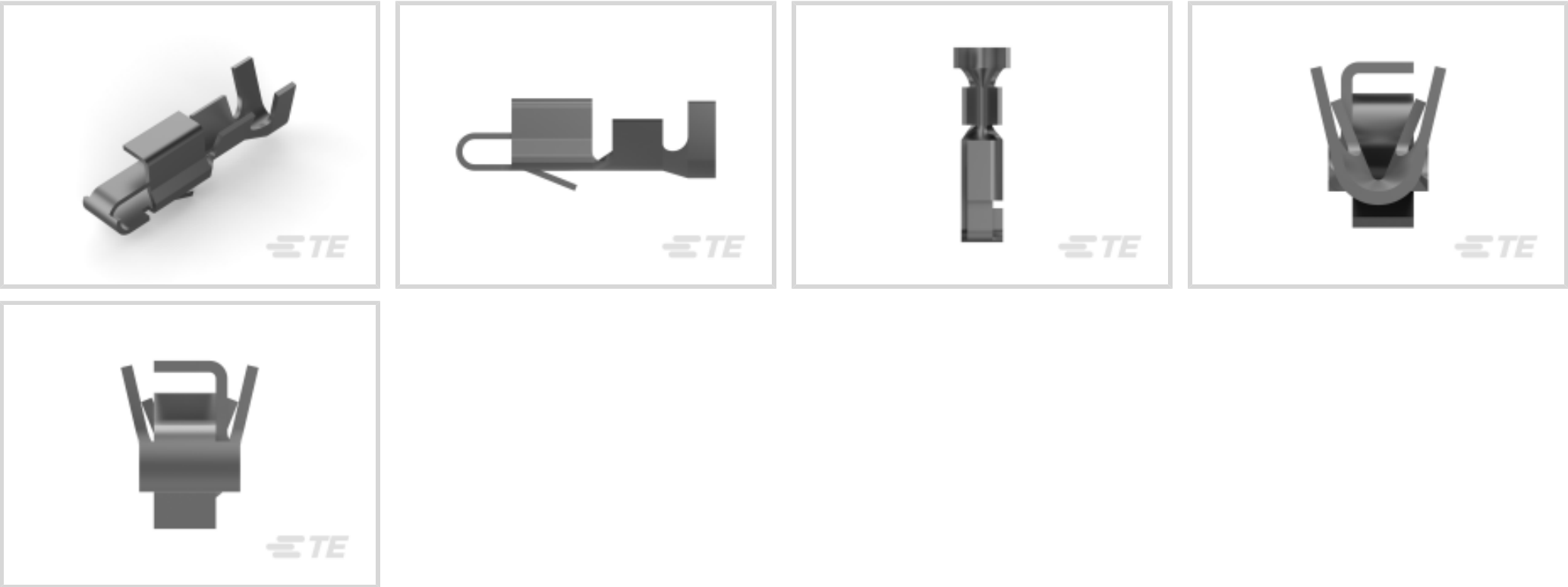


SL-156

TE Internal #: 3-647409-1
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
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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]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
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
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Dimensions

Compatible Insulation Diameter Range	1.78 – 2.84 mm[.07 – .112 in]
Wire Size	.2 – .9 mm²

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>

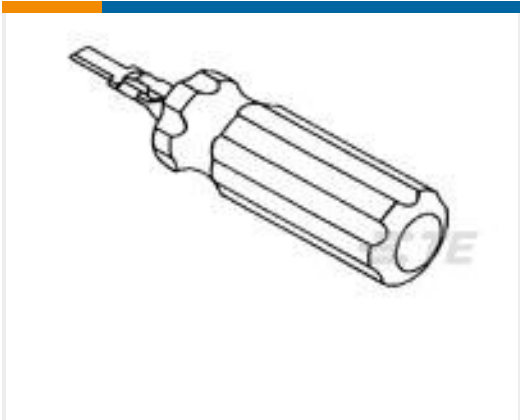
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 91368-1
PRO-C TL & DIE SL156 24-18



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 #1658610-4
09 POS HDF RCPT, MS, LEAD FREE

TE Part #1658613-4
09 POS HDF PLUG, MS, LEAD FREE

TE Part #2-1625984-5
HSA50 1R2 5%

TE Part #1-111623-8
10, 2MM, POL,30 DP, LEAD FREE

TE Part #1-66099-3
III+ PIN,18-16,15AU/FL,SMPACK

TE Part #454003-E
M12 FEMALE, A CODE, 4P, 17MM SMT

TE Part #647401-2
02P SL156 HSG W/RAMP,LRG OPEN

TE Part #1609112-1
10CBE1=F7890 M0

TE Part #4525DO-TP3AJ030APF
PRESS XDCR,DIGITAL,PSI RANGE

TE Part #164161-4
M-SRS.PIN BODY 3+

Documents

Product Drawings

SL156 HOODED CONT, LID,LP LF

English

CAD Files

Customer View Model

ENG_CVM_3-647409-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_3-647409-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_3-647409-1_A.2d_dxf.zip

English

3D PDF

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_3-647409-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-647409-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-647409-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English