3-647409-1 ✔ ACTIVE

SL-156

TE Internal #: 3-647409-1

Tin (Sn), Socket Contact, 24 – 18 AWG, 250 VAC, .2 – .9 mm² Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Phosphor Bronze, 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 (Sn)**

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

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
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 Mating Area Plating Material Finish	Matte

Wire Contact Termination Area Plating Material Finish	Matte
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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

Product Compliance

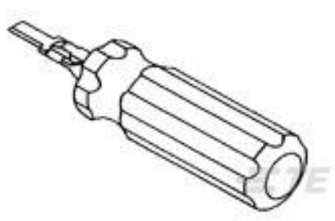
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

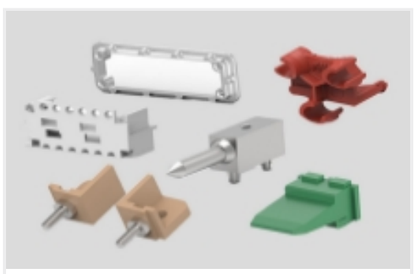


TE Part # 91368-1
PRO-C TL & DIE SL156 24-18

Also in the Series | SL-156



Connector Contacts(23)



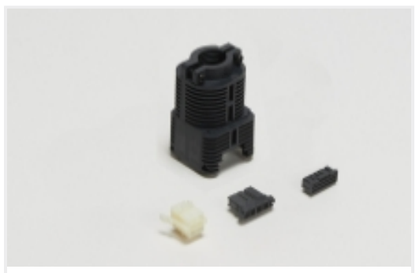
Connector Hardware(4)



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



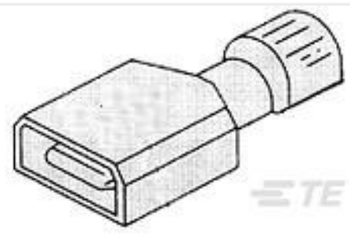
TE Part #240651-9
BLADE, SLUG



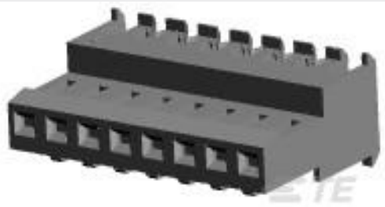
TE Part #322347
SPLICE,SOLIS PARA HT 16-14



TE Part #2-326875-1
TERMINAL,PIDG R 26-22 6



TE Part #2-521104-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #3-640621-8
08P MTA100 CONN ASSY F/T NATL



TE Part #643182-2
UMNL STR/REL ADAPTER CAP



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

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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English