640252-2 ✔ ACTIVE

SL-156

TE Internal #: 640252-2

Tin (Sn), Socket Contact, 24 – 18 AWG, 250 VAC, .2 – .9 mm² Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Brass, Signal, 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: **Pre-Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

All Connector Contacts: Wire-to-Board Socket, SL 156 (23)

Features

Product Type Features

Applied Pressure	High

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With

Contact Base Material	Brass
Contact Current Rating (Max)	6.5 A

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Reel
Packaging Quantity	7000

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

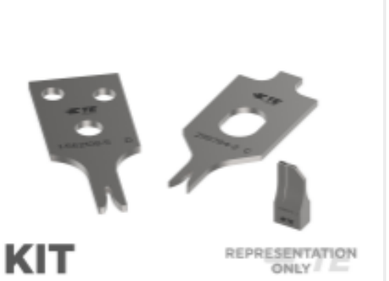
Compatible Parts



TE Part # 2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F-RSM



TE Part # 91597-1
CCII SL-156 REC 24-18 ASSY



TE Part # 7-2266602-7
OCEAN_2.0_SPARE_PART_KIT-070F100F



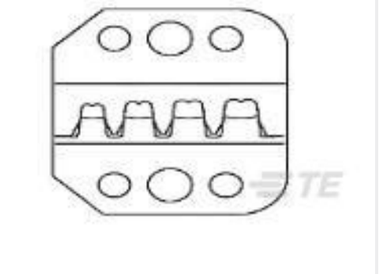
TE Part # 5-2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F-RSM



TE Part # 5-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 58614-2
PROCRIMP, DIE, SL156



TE Part # 2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA-RSA



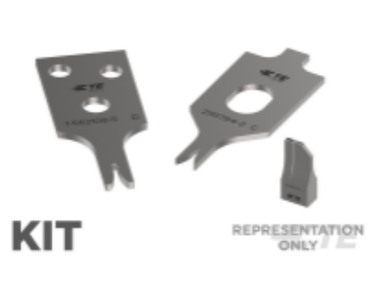
TE Part # 2479636-1
EXTRACTION TOOL



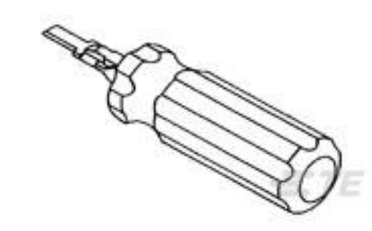
TE Part # 58614-1
PROCRIMP, HT&D SL156



TE Part # 2327576-1
06P SL156 HSG NO3P THRU BD LTH UL94V0



TE Part # 7-2151033-7
OCEAN_2.0_SPARE_PART_KIT-070F100F

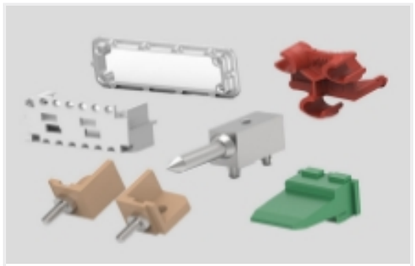


TE Part # 90471-1
EXTRACTION TOOL, SC-156

Also in the Series | SL-156



Connector Contacts(23)



Connector Hardware(4)



Insertion & Extraction Tools(1)



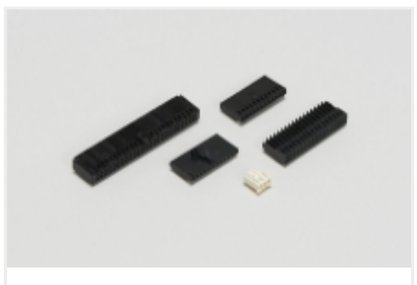
Power Contacts(13)



Rectangular Connector Housings(150)



Rectangular Power Connectors(147)



Wire-to-Board Connector Assemblies & Housings(146)

Customers Also Bought



TE Part #819954-SF
FN9262A-10-06



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



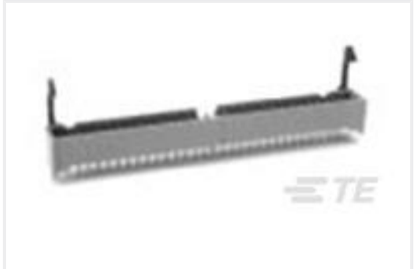
TE Part #3-641524-2
02P MTA156 PSTD CONN ASSY LF



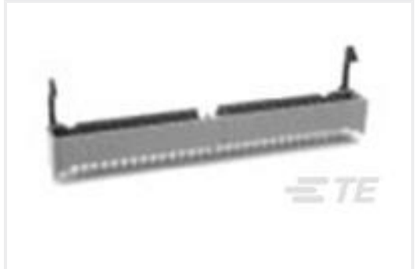
TE Part #1-1393253-7
W68-X2Q110-10=M6/M7/M9/W6/W7



TE Part #6-1625890-5
2W SM M/OX 5% 68K



TE Part #2-1761713-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part #2-1761713-7
IDC LOW PRO HDR 20P VERT SHT L



TE Part #6609006-1
1EEJ1=F8005 S0

Documents

Product Drawings

SL-156 RECEPTACLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_640252-2_AU.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_640252-2_AU.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_640252-2_AU.3d_stp.zip

English

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Product Specifications

Application Specification

English