1971238-2 ✔ ACTIVE

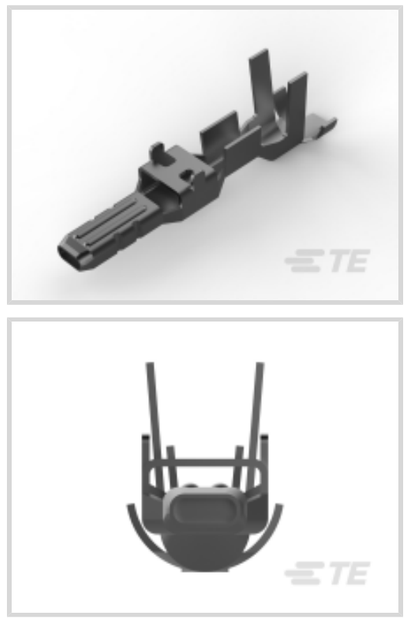
Power Triple Lock

TE Internal #: 1971238-2

Tab Contact, Tin, 600 VAC, 600 VDC, Crimp, Copper Alloy, Power, -67 - 302 °F [-55 - 150 °C], Power Triple Lock

View on TE.com >

Connectors > Contacts > Connector Contacts > Tab Contact - POWER TRIPLE LOCK






Contact Type: **Tab**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VDC**

All Tab Contact - POWER TRIPLE LOCK (11)

Features

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Mating Tab Width	2.7 mm[.106 in]
Mating Tab Thickness	1.63 mm[.064 in]
Wire Contact Termination Area Plating Thickness	.8 - 2.5 µm[31.49 - 98.4 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Type	Tab
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	Without
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	2.4 - 2.7 mm[.095 - .106 in]

Usage Conditions

Operating Temperature Range	-55 - 150 °C[-67 - 302 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL, VDE

Packaging Features

Packaging Method	Reel

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 reviewed 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 # CAT-P87074-C1701A
POWER TRIPLE LOCK High Temperature Caps



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 2217267-1
SDE COMMERCIAL TOOL/DIE



TE Part # 1-2232264-4
PTL 2X4 CAP PANEL MT HOT WIRE KEY A BLK



TE Part # 2151746-1
OCEAN_2.0_Applicator-S-080F120F-RSM



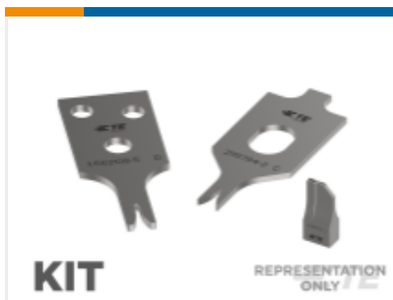
TE Part # 2151746-2
OCEAN_2.0_Applicator-S-080F120F-RSA



TE Part # 2217267-2
SDE COMMERICAL TOOL/DIE



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



TE Part # 7-2151746-7
OCEAN_2.0_SPARE_PART_KIT-080F120F



TE Part # 7-2151746-1
OCEAN_2.0_Applicator-S-080F120F



TE Part # 7-2151746-2
OCEAN_2.0_Applicator-S-080F120F

Also in the Series | Power Triple Lock



Connector Contacts(28)



Connector Hardware(12)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(301)

Customers Also Bought



TE Part # 1971777-3
Locking Plate, POWER TRIPLE LOCK, TPA



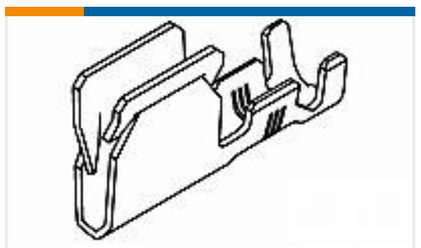
TE Part # 1971785-1
PTL RECEPTACLE CONTACT, 20 - 24 AWG



TE Part # 1971786-1
Tab Contact - POWER TRIPLE LOCK



TE Part # 1586852-1
04P UMNL PLUG HSG, GW



TE Part # 63895-1
GROUND CLIP 14-18AWG ST



TE Part # 5-2232265-3
PTL 1X3 PLUG HSG GLW WIRE KEY A DGR



TE Part # 1-1971775-3
PTL 2X3 CAP PANEL MT STD TEMP KEY A NAT

TE Part # 936552-2
CLIP HSG FOR 187 CONN BLACK

Documents

Product Drawings

PTL TAB CONTACT, 2X20 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971238-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1971238-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1971238-2_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

1-1773734-9 TE Power Triple Lock Quick Reference Guide - German

German

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English