1971787-2 ✔ ACTIVE

Power Triple Lock

TE Internal #: 1971787-2

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

View on TE.com >

Connectors > Contacts > Connector Contacts > Receptacle Contact — POWER TRIPLE LOCK







Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **600 VDC**

All Receptacle Contact — POWER TRIPLE LOCK (11)

Features

Industry Standards

Compatible With Agency/Standards Products	UL, VDE

Dimensions

Compatible Insulation Diameter Range	2.65 – 2.95 mm[.103 – .11 in]

Mechanical Attachment

Wire Insulation Support	With

Packaging Features

Packaging Method	Reel

Contact Features

Contact Orientation	Straight
Wire Contact Termination Area Plating Material Finish	Matte
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]

Contact Type	Receptacle
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)	16 A

Electrical Characteristics

Operating Voltage	600 VDC

Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °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 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-P729A
High Temperature Plug — POWER TRIPLE LOCK



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 2151745-1
OCEAN_2.0_Applicator-S-090F130F-RSM



TE Part # 2151745-2
OCEAN_2.0_Applicator-S-090F130F-RSA



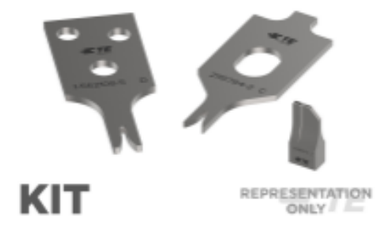
TE Part # 2217266-1
SDE COMMERCIAL TOOL AND DIE



TE Part # 2217266-2
SDE COMMERCIAL TOOL AND DIE



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

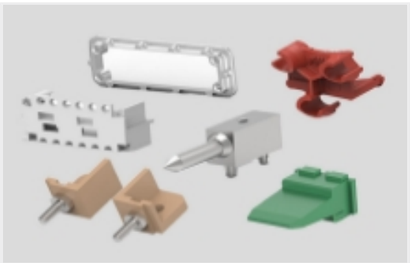


TE Part # 7-2151745-7
OCEAN_2.0_Applicator-S-090F130F

Also in the Series | Power Triple Lock



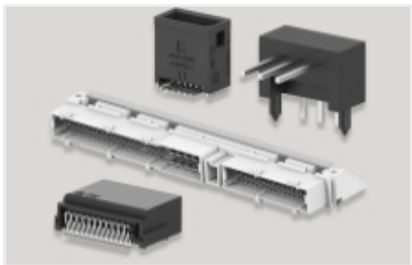
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)



Rectangular Power Connectors(280)

Customers Also Bought



TE Part #1971778-3

Locking Plate, POWER TRIPLE LOCK, TPA



TE Part #1-1971772-4

Standard Temperature Caps | POWER TRIPLE LOCK



TE Part #1971786-1

Tab Contact — POWER TRIPLE LOCK



TE Part #1969588-2

HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #1-1969443-0

EP 2.5 TPA Retainer, 10 Pos



TE Part #1-1969540-2

HOUSING, PLUG, 12P, DUAL ROW, EP2.5



TE Part #1-1969541-2

RETAINER, TPA, DUAL ROW, EP2.5

Documents

Product Drawings

PTL RECEPTACLE CONTACT, 2X18 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971787-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1971787-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1971787-2_F.3d_stp.zip

English

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

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English