



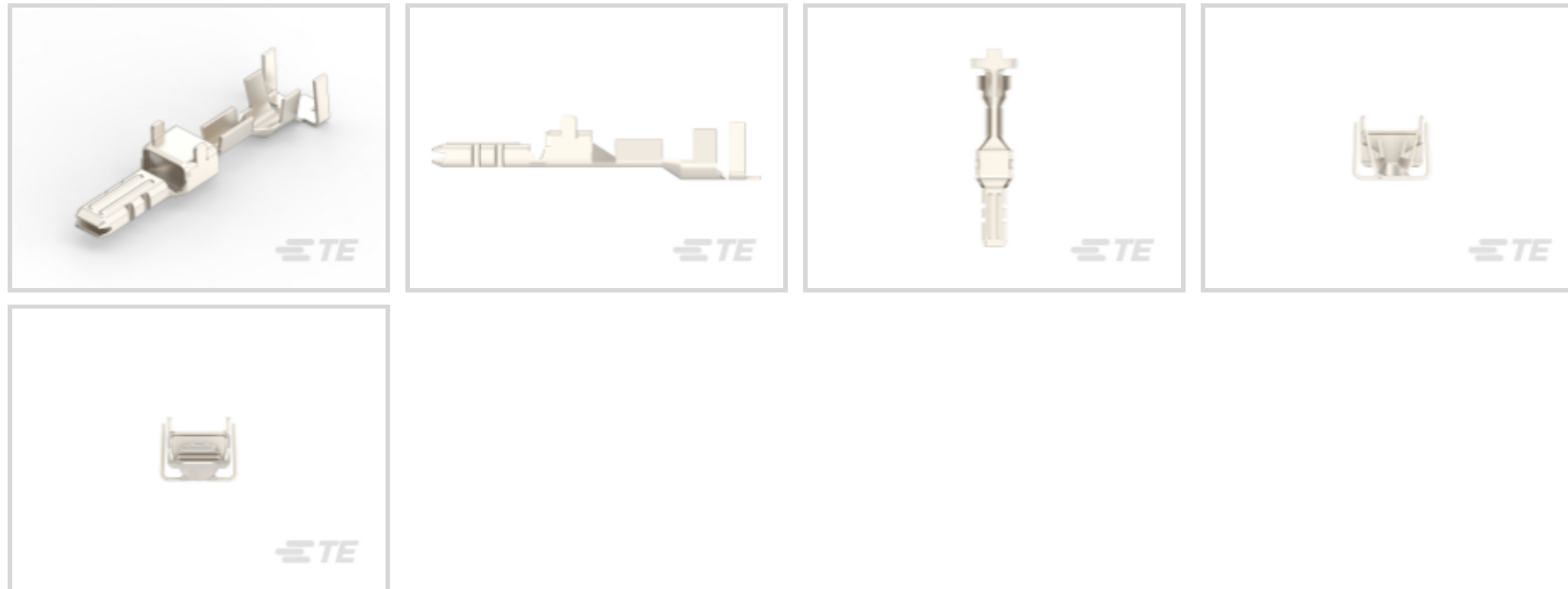
**Power Triple Lock**

TE Internal #: 1971786-2

Tab Contact, Tin, 600 VAC, 600 VDC, 22 – 20 AWG / 22 AWG Wire Size, .3 – .5 mm<sup>2</sup> Wire Size, Crimp, Copper Alloy, Power, 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 (12)**

**Features**

**Electrical Characteristics**

Operating Voltage	600 VDC
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**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	Matte
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)	9 A



### Termination Features

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

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Compatible Insulation Diameter Range	1.14 – 2.7 mm [.045 – .106 in]
Wire Size	.3 – .5 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Compatible With Agency/Standards Products	UL, VDE
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### Packaging Features

Packaging Method	Reel
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## 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 5-2232264-4  
PTL 2X4 CAP PANEL MT GLW WIRE  
KEY A DGR



TE Part # 1452426-1  
EXTRACTION TOOL



TE Part # 2217267-1  
SDE COMMERCIAL TOOL/DIE



TE Part # 2151744-1  
OCEAN\_2.0\_Applicator-S-055F110F



TE Part # 2151744-2  
OCEAN\_2.0\_Applicator-S-055F110F



TE Part # 2217267-2  
SDE COMMERCIAL TOOL/DIE



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



TE Part # 2837163-1  
OCEAN-2.0-APPLICATOR-S-  
055F110OV



TE Part # 7-2151744-1  
OCEAN\_2.0\_Applicator-S-055F110F



TE Part # 7-2151744-2  
OCEAN\_2.0\_Applicator-S-055F110F



TE Part # 7-2151744-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
055F110F



TE Part # 7-2837163-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
055F110OV



TE Part # 2188646-1  
PDL/PTL HYB 20P CAP HSG(2R) P/M



TE Part # 2837163-2  
OCEAN-2.0-APPLICATOR-S-  
055F110OV

## Also in the Series | Power Triple Lock



Connector Contacts(30)



Connector Hardware(12)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(300)

## Customers Also Bought



TE Part #1971777-2  
Locking Plate, POWER TRIPLE LOCK, TPA



TE Part #1-1971773-3  
PTL 1X3 PLUG HSG STD TEMP KEY A NAT



TE Part #5-1971875-3  
PTL 3X3 CAP PANEL MT HITEMP KEY A LGR



TE Part #41808  
RING TERMINAL 10-8 AWG TPCU A LGR



TE Part #1-2232263-1  
PTL 1X2 CAP PANEL MT HOT WIRE KEY A BLK



TE Part #1376348-1  
5MM POWER KEY CONN REC CONT M



TE Part #1742198-1  
250 FASTON,REC.,18-14 AWG,NPST



TE Part #6-1971773-2  
PTL 1X2 PLUG HSG HIGH TEMP KEY B RED



TE Part #F82626-000  
SCT-NO.2-E5-0-40MM

## Documents

### Product Drawings

[PTL TAB CONTACT, 20 - 22 AWG](#)

English

[PTL TAB CONTACT, 20 - 22 AWG](#)

English

### CAD Files

[3D PDF](#)

[3D](#)





### Customer View Model

[ENG\\_CVM\\_CVM\\_1971786-2\\_E.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1971786-2\\_E.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1971786-2\\_E.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

[9-1773465-1 Power Triple Lock QRG](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

### Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English