



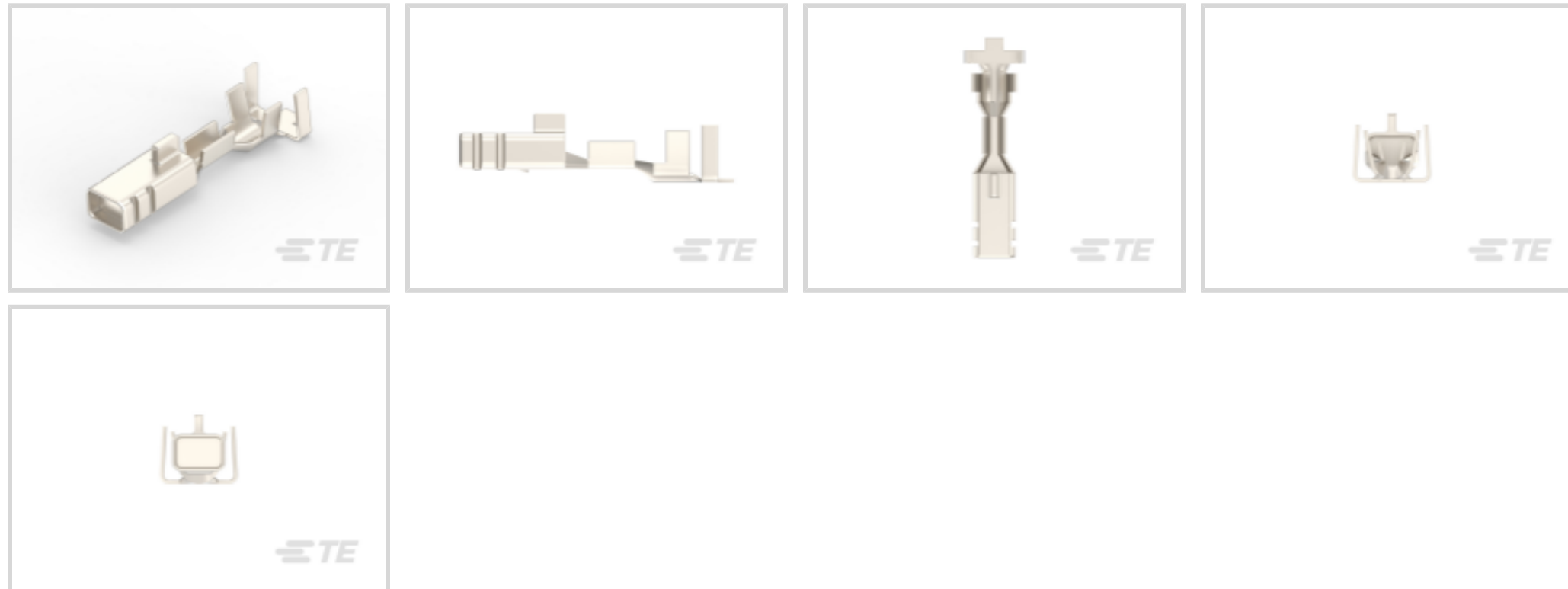
Power Triple Lock

TE Internal #: 1971785-2

Receptacle Contact, Tin, 600 VAC, 600 VDC, 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size, Crimp, Copper Alloy, Power, 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 \(13\)](#)

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	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)	9 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	1.43 – 2.7 mm [.056 – .106 in]
Wire Size	.2 – .5 mm ²

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: 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-P729A
High Temperature Plug — POWER TRIPLE LOCK



TE Part # CAT-P87074-P729
POWER TRIPLE LOCK Plug, Standard Temperature



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 # 6-1971876-3
PTL 3X3 PLUG HSG HIGH TEMP KEY B RED



TE Part # 7-2151744-1
OCEAN_2.0_Applicator-S-055F110F



TE Part # 7-2151744-2
OCEAN_2.0_Applicator-S-055F110F



KIT
TE Part # 7-2151744-7
OCEAN_2.0_SPARE_PART_KIT-055F110F



KIT
TE Part # 7-2837163-7
OCEAN_2.0_SPARE_PART_KIT-055F110OV

TE Part # 2188645-1
PDL/PTL HYB 20P PLUG HSG(2R)

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 #5-1971773-3
PTL 1X3 PLUG HSG HIGH TEMP KEY A LGR



TE Part #5-1971772-2
POWER TRIPLE LOCK High Temperature Caps



TE Part #1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACK



TE Part #1971783-2
PTL RECEPTACLE CONTACT, 16-19 AWG, 2X22



TE Part #1971784-2
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



TE Part #63482-1
RING 18-14 AWG TPSTL



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



TE Part #2-1971777-2
PTL TPA HWI 1 X 2 NATURAL



TE Part #1-1969706-1
250 FASTON HSG., FLAG, REC., 2 POS, BLACK

Documents

Product Drawings

[PTL RECEPTACLE CONTACT, 20 - 24 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1971785-2_D.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1971785-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971785-2_D.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

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

English

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English