

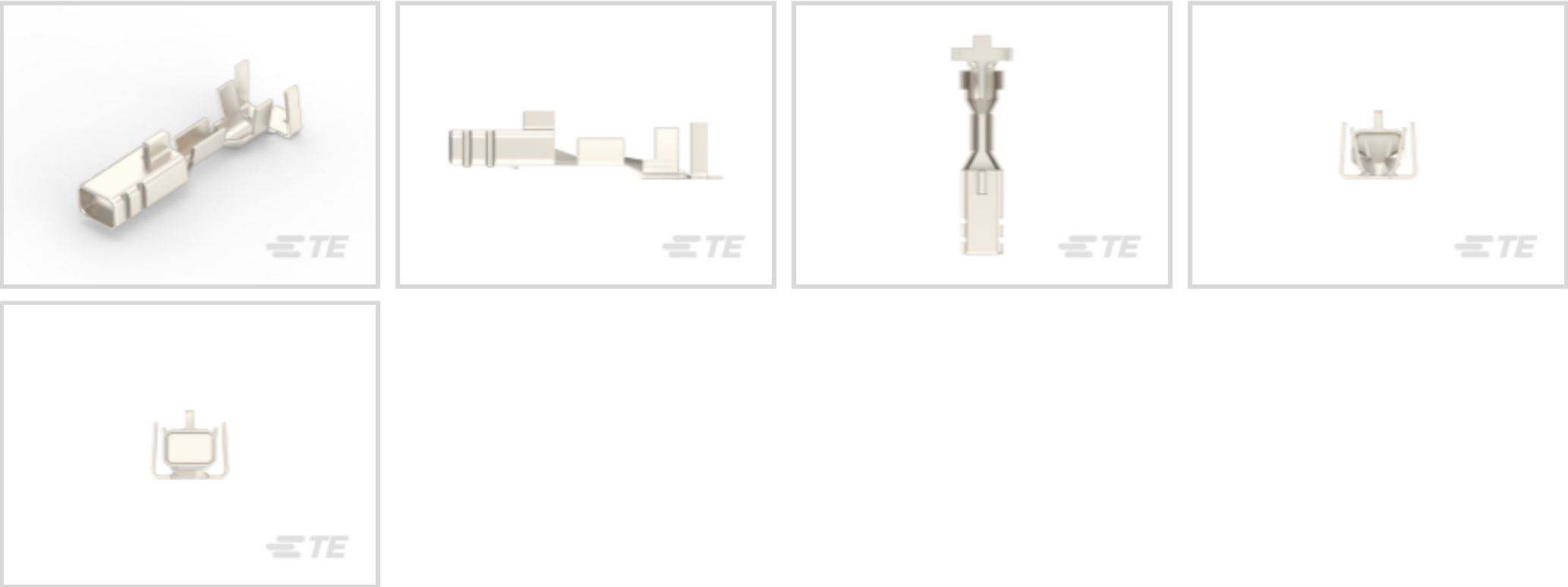


Power Triple Lock

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 \(11\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
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Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Method	Reel
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Dimensions

Compatible Insulation Diameter Range	1.43 – 2.7 mm[.056 – .106 in]
Wire Size	.2 – .5 mm ²

Contact Features

Contact Orientation	Straight
Wire Contact Termination Area Plating Material Finish	Bright
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)	9 A

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

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

Usage Conditions

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

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

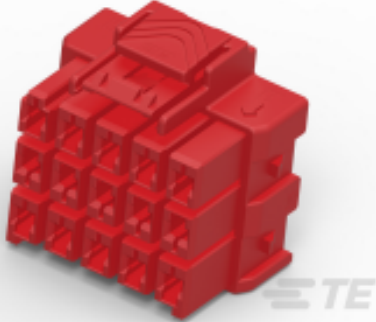
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 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-RSM	TE Part # 2151744-2 OCEAN_2.0_Applicator-S-055F110F-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 2837163-1 OCEAN-2.0-APPLICATOR-S-055F110OV-RSM
			
TE Part # 6-1971876-3 PTL 3X3 PLUG HSG HIGH TEMP KEY B RED	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 # 2188645-1 PDL/PTL HYB 20P PLUG HSG(2R)



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

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

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

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

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

TE Part #63963-1
250 FASTON FLAG REC 18-14 AWG NPST

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

TE Part #1744493-3
03P EP-II HOUSING, ORANGE



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

9-1773465-1Power 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

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



English

[VDE Certificate](#)

English