



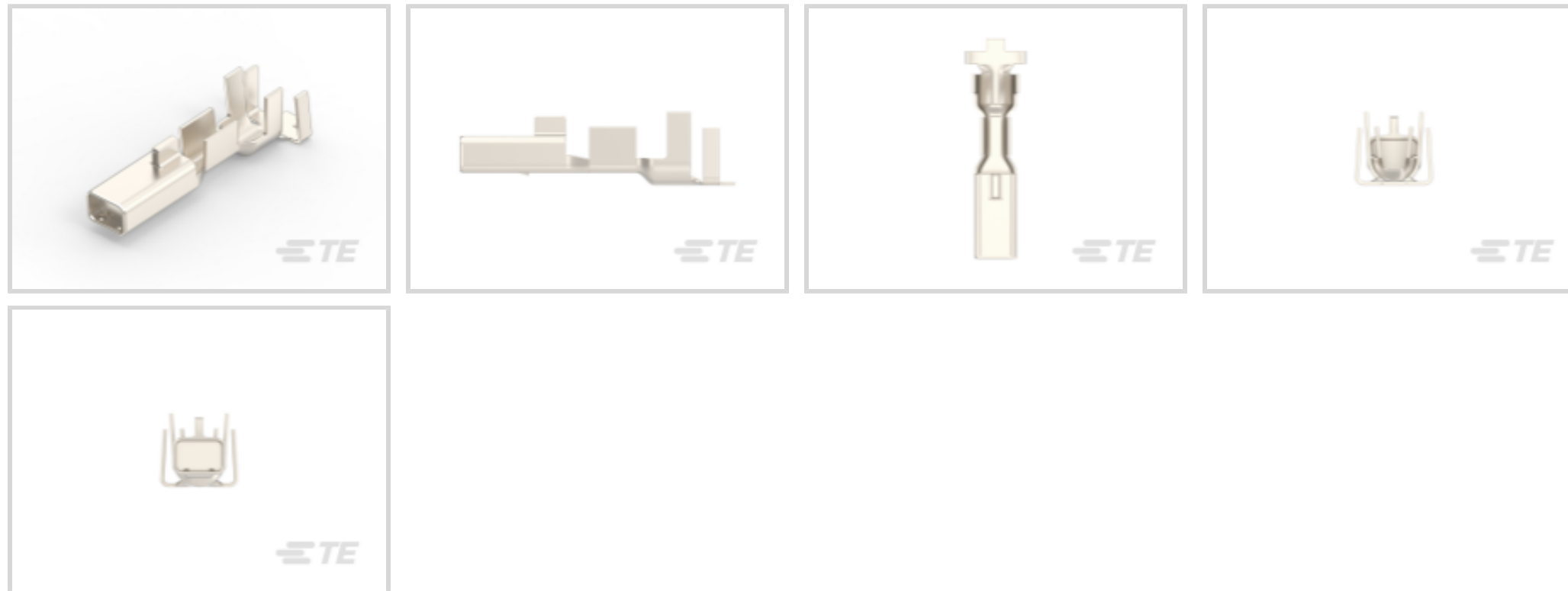
Power Triple Lock

TE Internal #: 1971783-1

Receptacle Contact, Tin (Sn), 600 VAC, 600 VDC, 19 – 16 AWG, .65 – 1.3 mm² Wire, Crimp, Phosphor Bronze, 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 (Sn)**

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

Operating Voltage: **600 VDC**

[All Receptacle Contact — POWER TRIPLE LOCK \(11\)](#)

Features

Electrical Characteristics

Operating Voltage	600 VDC
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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 – 1.5 μm[31.49 – 59 μin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	Without
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	12 A

Termination Features



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

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	2 – 3.3 mm [.079 – .13 in]
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Wire Size	.65 – 1.3 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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-P729
POWER TRIPLE LOCK Plug, Standard Temperature



TE Part # 1452426-1
EXTRACTION TOOL



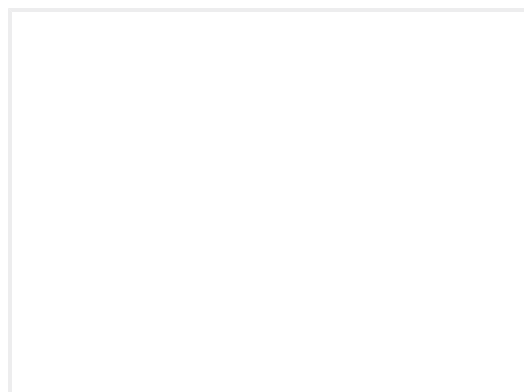
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2151743-1
OCEAN_2.0_Applicator-S-080F140V-RSM



TE Part # 2-2232265-1
PTL 1X2 PLUG HSG HOT WIRE KEY B NAT



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



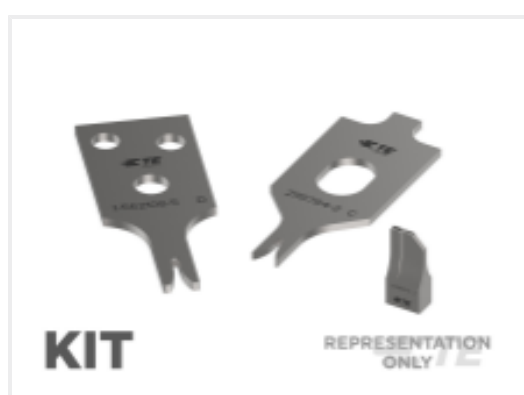
TE Part # CAT-P87074-P729B
POWER TRIPLE LOCK Glow Wire Plug



TE Part # 1-2232266-1
PTL 2X3 PLUG HSG HOT WIRE KEY A BLK



TE Part # 1-2232357-6
PTL 3X3 PLUG HSG HOT WIRE KEY A BLK



TE Part # 7-2151743-7
OCEAN_2.0_SPARE_PART_KIT-080F140V



TE Part # 2217208-2
SDE DIE SET



TE Part # 1-2232265-1
PTL 1X2 PLUG HSG HOT WIRE KEY A BLK



TE Part # 2151743-2
OCEAN_2.0_Applicator-S-080F140V-RSA



TE Part # 2217208-1
SDE COMMERCIAL TOOL AND DIE

Also in the Series | [Power Triple Lock](#)



Connector Contacts(26)



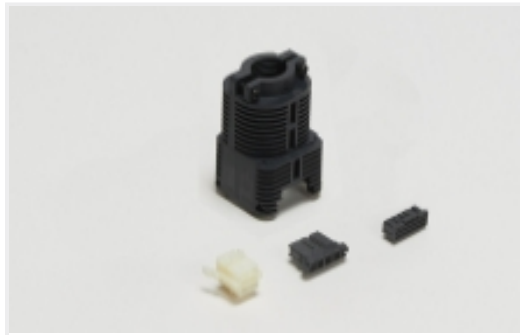
Connector Hardware(12)



PCB Headers & Receptacles(21)



Power Contacts(26)



Rectangular Connector Housings(280)



Rectangular Power Connectors(301)



Standard Rectangular Connectors(280)

Customers Also Bought



TE Part #8-2232265-4
PTL 1X4 PLUG HSG GLW WIRE KEY D ORA



TE Part #CAT-P87074-T669
Locking Plate, POWER TRIPLE LOCK, TPA



TE Part #CAT-P87074-T111
Tab Contact — POWER TRIPLE LOCK



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



TE Part #1971789-1
CPA

Documents

Product Drawings

[PTL RECEPTACLE CONTACT, 16-19 AWG, 2X22](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1971783-1_E.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1971783-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971783-1_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

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

English

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English