

Power Triple Lock

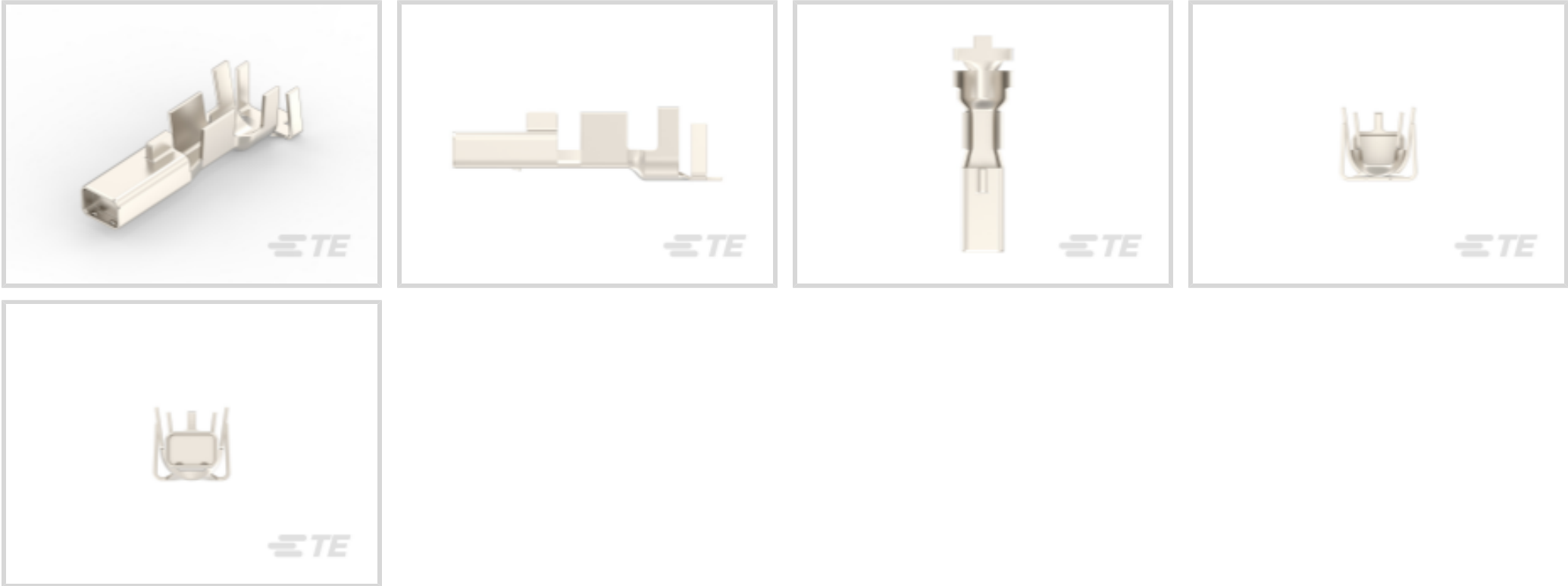
TE Internal #: 1971781-1

Receptacle Contact, Tin, 600 VAC, 600 VDC, 14 AWG Wire Size, 2 mm² Wire Size, 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**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **600 VDC**

[All Receptacle 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 - 1.5 µm[31.49 - 59 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	Phosphor Bronze
Contact Current Rating (Max)	12 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	3.4 - 3.7 mm[.134 - .146 in]
Wire Size	2 mm²

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
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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-P729B POWER TRIPLE LOCK Glow Wire Plug	 TE Part # CAT-P87074-P729 POWER TRIPLE LOCK Plug, Standard Temperature	 TE Part # 1452426-1 EXTRACTION TOOL	 TE Part # 1-2232265-1 PTL 1X2 PLUG HSG HOT WIRE KEY A BLK
 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 # 2-2232265-1 PTL 1X2 PLUG HSG HOT WIRE KEY B NAT	 TE Part # 2151742-1 OCEAN_2.0_APPLICATOR-S-090F160F-RSM
 TE Part # 2151742-2 OCEAN_2.0_APPLICATOR-S-090F160F-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 # 7-2151742-7 OCEAN_2.0_SPARE_PART_KIT-090F160F	 TE Part # 7-2151742-2 OCEAN_2.0_APPLICATOR-S-090F160F		

Also in the Series | Power Triple Lock





Connector Contacts(28)



Connector Hardware(12)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(301)

Customers Also Bought



TE Part # 5-2232265-2
PTL 1X2 PLUG HSG GLW WIRE KEY A DGR



TE Part # 5-2232263-2
PTL 1X2 CAP PANEL MT GLW WIRE KEY A DGR



TE Part # 5-1971776-3
PTL 2X3 PLUG HSG HIGH TEMP KEY A LGR



TE Part # 1971777-3
Locking Plate, POWER TRIPLE LOCK, TPA



TE Part # 3-1971773-2
PTL 1X2 PLUG HSG STD TEMP KEY C BLU



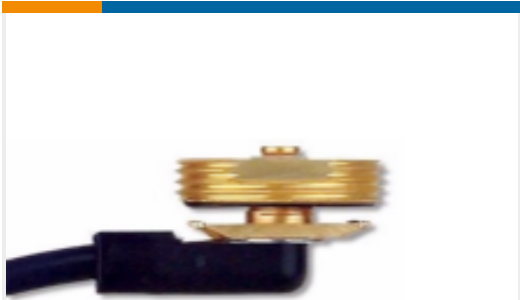
TE Part # 6-2378158-2
Power Versa-Lock CAP, 1X2 KEY F



TE Part # 2364568-2
AVH19 FLT SS LK NO LED 16A



TE Part # 2-328975-3
TERMINAL,PIDG R IR 18 1/2



TE Part # MAB8
MOUNT,BMM,3/8,58A STD,17FT58A

Documents

- Product Drawings

PTL RECEPTACLE CONTACT, 14 AWG

English
- CAD Files

3D PDF

3D
- Customer View Model

ENG_CVM_CVM_1971781-1_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1971781-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971781-1_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

[9-1773465-1Power 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