



Power Triple Lock

TE Internal #: 1971787-2

Power Contacts, Contact, 600 VAC, 600 VDC, Pre-Tin, Wire-to-Wire, Wire & Cable, Crimp, Power, Receptacle, Power Triple Lock

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > POWER TRIPLE LOCK REC CONTACT



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Pre-Tin**

Connector System: **Wire-to-Wire**

All POWER TRIPLE LOCK REC CONTACT (13)

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Continuous Current Rating	16 A
Operating Voltage	600 VDC

Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	16 A
Contact Type	Receptacle
Contact Retention Within Housing	Without
Mating Tab Width	2.7 mm[.106 in]
Mating Tab Thickness	1.63 mm[.064 in]
Contact Base Material	Copper Alloy



Wire Contact Termination Area Plating Thickness	.8 – 2.5 µm[31.49 – 98.4 µin]
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Wire Contact Termination Area Plating Material	Pre-Tin
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Wire Contact Termination Area Plating Material Finish	Matte
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Contact Orientation	Straight
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.65 – 2.95 mm[.103 – .11 in]
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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

VDE Tested	Yes
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Agency/Standard	UL, VDE
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Packaging Features

Packaging Method	Reel
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Other

Wire/Cable Type	Discrete Wire
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For Use With	Plug Housing
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Comment	Complies with IEC 61984 Specification
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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: JUNE 2022 (224)
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Candidate List Declared Against: JAN 2022
(223)
SVHC > Threshold:
Not Yet Reviewed

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

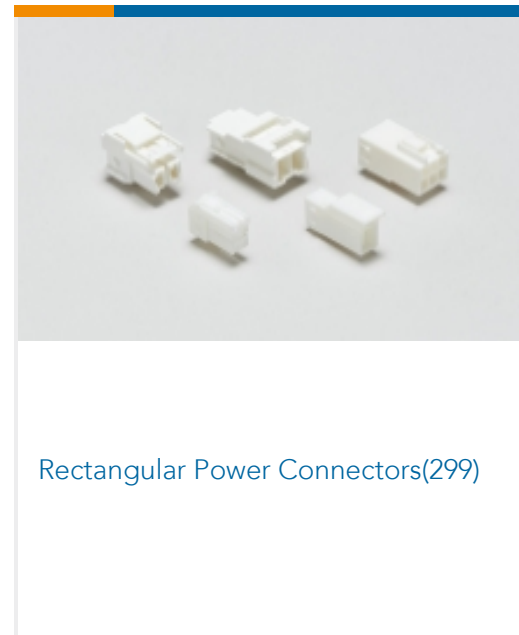
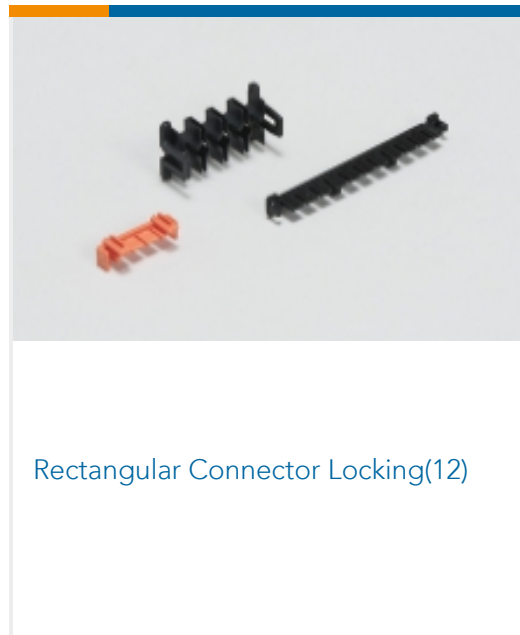
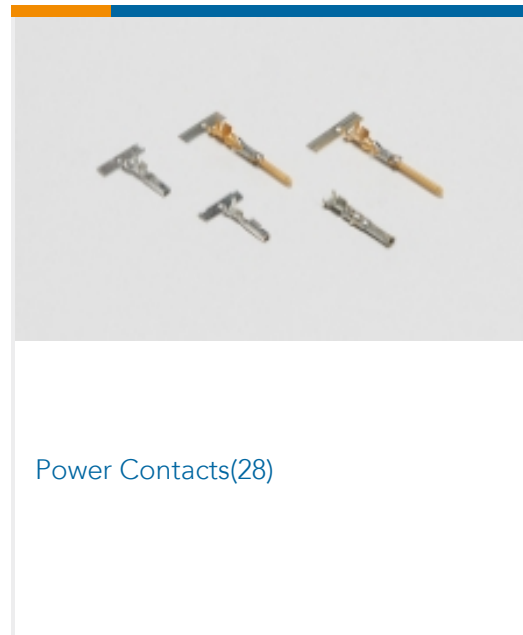
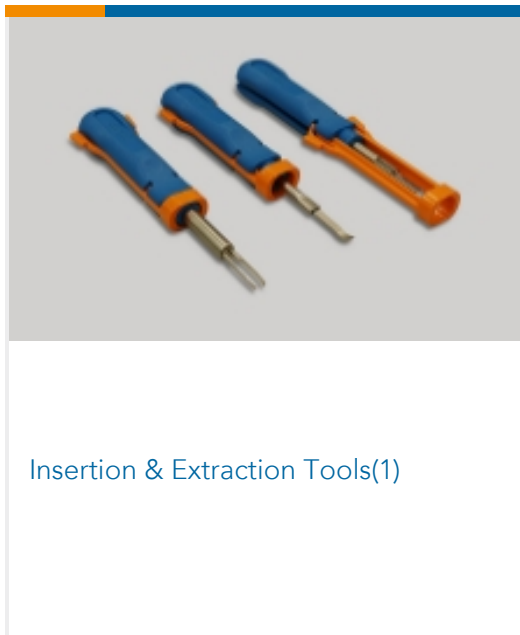
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

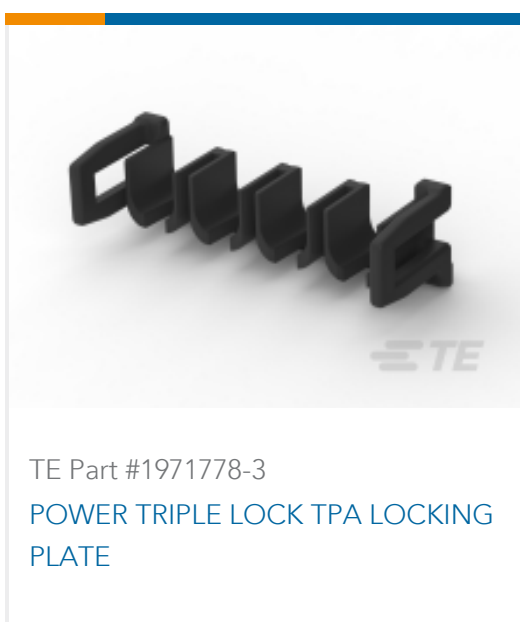
 <p>TE Part # CAT-P87074-P729A POWER TRIPLE LOCK HIGH TEMP PLUG</p>	 <p>TE Part # 1452426-1 EXTRACTION TOOL</p>	 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 2-2151745-1 OCEAN_2.0_Applicator-S-090F130F</p>
 <p>TE Part # 2-2151745-2 OCEAN_2.0_Applicator-S-090F130F</p>	 <p>TE Part # 2151745-1 OCEAN_2.0_Applicator-S-090F130F</p>	 <p>TE Part # 2151745-2 OCEAN_2.0_Applicator-S-090F130F</p>	 <p>TE Part # 2217266-1 SDE COMMERCIAL TOOL AND DIE</p>



Also in the Series | **Power Triple Lock**



Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1971787-2_F.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_1971787-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971787-2_F.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

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

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

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

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Agency Approvals

[VDE Certificate](#)

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