



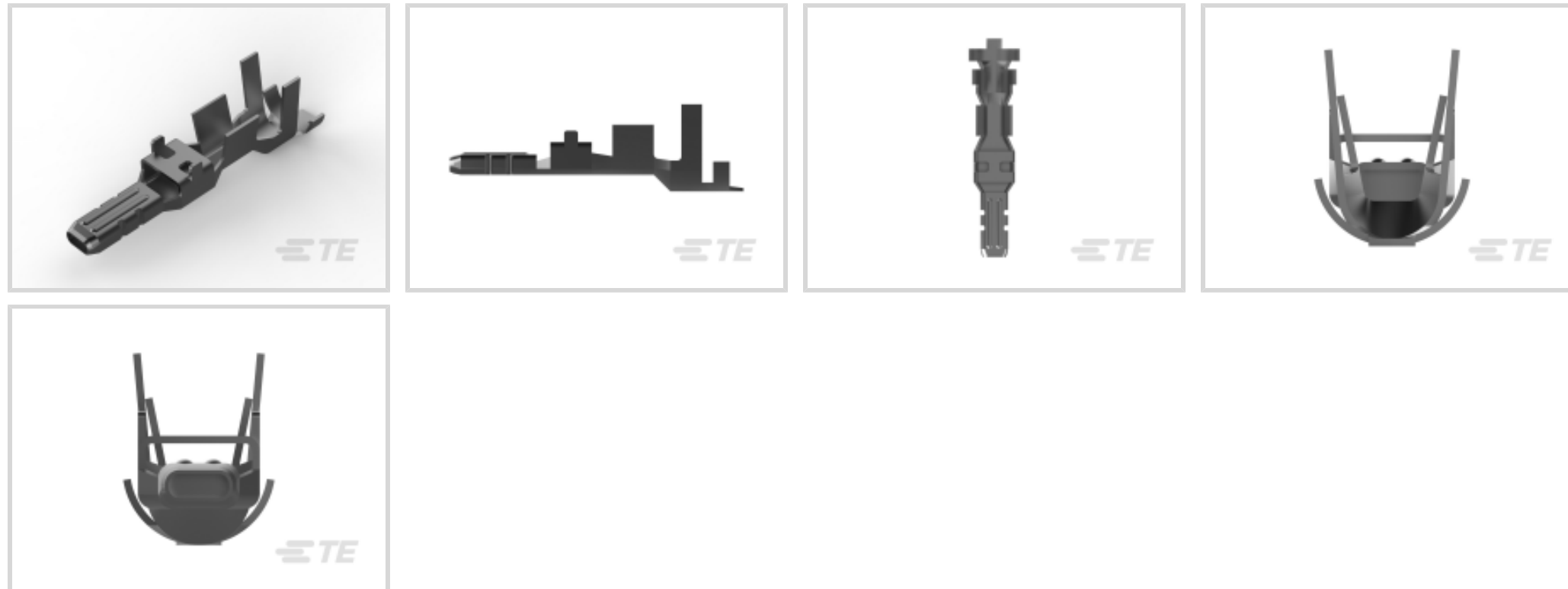
Power Triple Lock

TE Internal #: 1971788-2

Power Contacts, Contact, 600 VAC, 600 VDC, Pre-Tin, Wire-to-Wire, Wire & Cable, Crimp, Power, Tab, Cable Mount (Free-Hanging), Power Triple Lock

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts > POWER TRIPLE LOCK TAB 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 TAB CONTACT \(12\)](#)

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	Tab
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]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

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 $^{\circ}\text{C}$ [-67 – 302 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Power
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Industry Standards

VDE Tested	Yes
Agency/Standard	UL, VDE

Packaging Features

Packaging Method	Reel
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Other

Wire/Cable Type	Discrete Wire
For Use With	Cap Housing
Comment	Complies with IEC 61984 Specification

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 2022
 (224)
 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

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-C1701A
 POWER TRIPLE LOCK HIGH TEMP CAP



TE Part # 1452426-1
 EXTRACTION TOOL



TE Part # 2305570-1
 TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151745-1
 OCEAN_2.0_Applicator-S-090F130F



TE Part # 2-2151745-2
 OCEAN_2.0_Applicator-S-090F130F



TE Part # 2151745-1
 OCEAN_2.0_Applicator-S-090F130F



TE Part # 2151745-2
 OCEAN_2.0_Applicator-S-090F130F



TE Part # 2217266-1
 SDE COMMERCIAL TOOL AND DIE




TE Part # 2217266-2
SDE COMMERCIAL TOOL AND DIE



TE Part # 7-2151745-1
OCEAN_2.0_Applicator-S-090F130F




TE Part # 7-2151745-2
OCEAN_2.0_Applicator-S-090F130F




TE Part # 7-2151745-7
OCEAN_2.0_Applicator-S-090F130F
KIT


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



Insertion & Extraction Tools(1)



Power Contacts(28)



Rectangular Connector Locking(12)



Rectangular Power Connectors(299)

Customers Also Bought



TE Part #1971786-2
POWER TRIPLE LOCK TAB CONTACT



TE Part #1-1971772-3
POWER TRIPLE LOCK STD TEMP CAP



TE Part #1-1971775-3
PTL 2X3 CAP PANEL MT STD TEMP
KEY A NAT



TE Part #1969442-7
EP 2.5 TPA Housing, 7 Pos



TE Part #2132781-9
09P EP-II HOUSING, NATURAL



TE Part #1969588-3
HSG, REC, FREE-HANGING, SINGLE
ROW, EP2.5

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1971788-2_E.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_1971788-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971788-2_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

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

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

English

Agency Approvals

[VDE Certificate](#)

English