



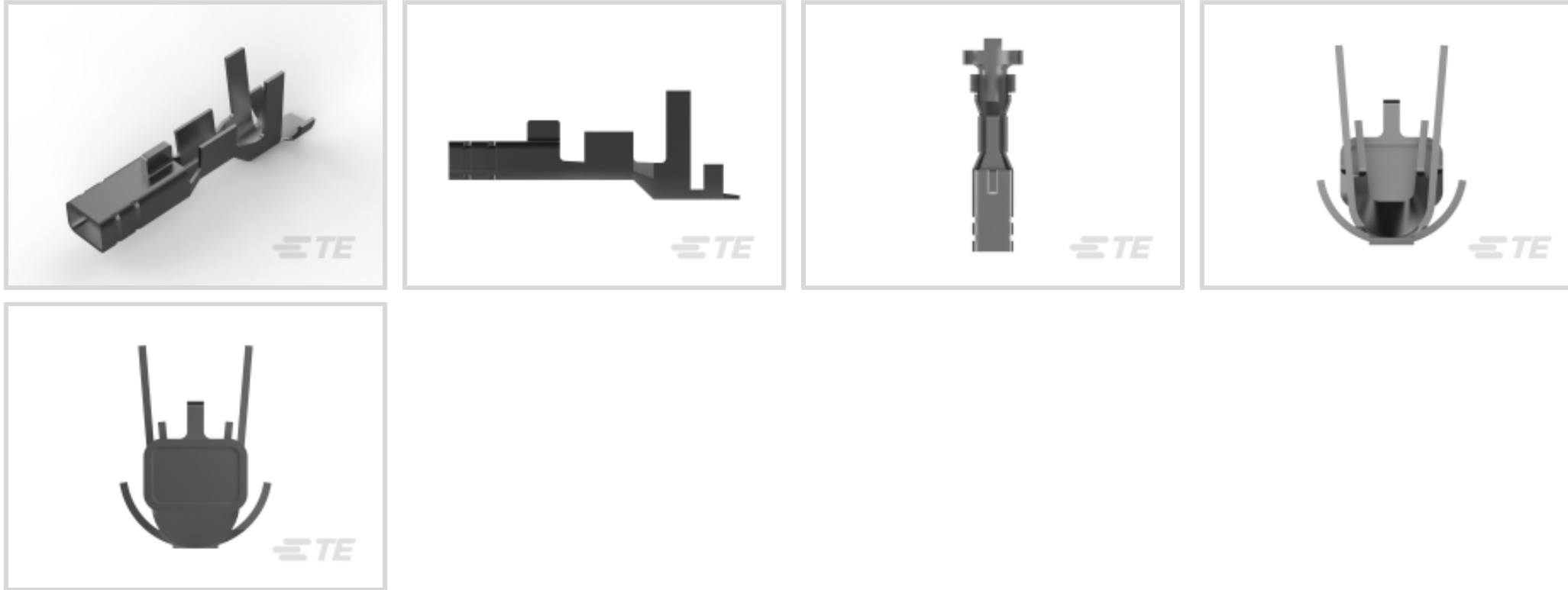
**Power Triple Lock**

TE Internal #: 1971237-2

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	12 A
Operating Voltage	600 VDC

**Contact Features**

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	12 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 $\mu\text{m}$ [31.49 – 98.4 $\mu\text{in}$ ]
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Wire Contact Termination Area Plating Material	Pre-Tin
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Wire Contact Termination Area Plating Material Finish	Bright
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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	2.4 – 2.7 mm[.095 – .106 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
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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

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  
POWER TRIPLE LOCK HIGH TEMP PLUG



TE Part # 1452426-1  
EXTRACTION TOOL



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 2217267-1  
SDE COMMERCIAL TOOL/DIE



TE Part # 2-2151746-1  
OCEAN\_2.0\_Applicator-S-080F120F



TE Part # 2-2151746-2  
OCEAN\_2.0\_Applicator-S-080F120F



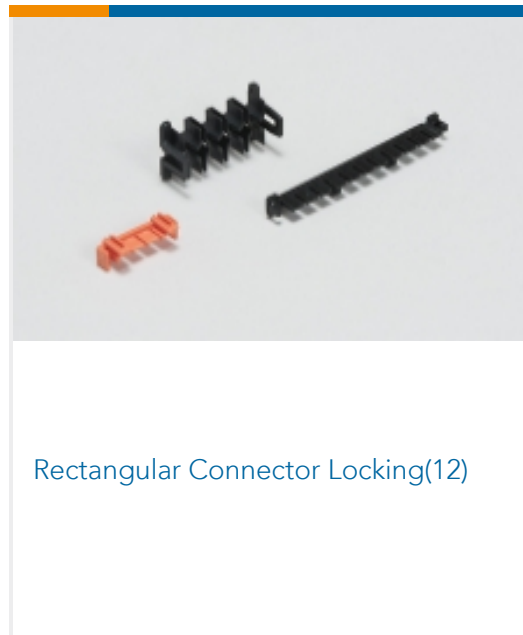
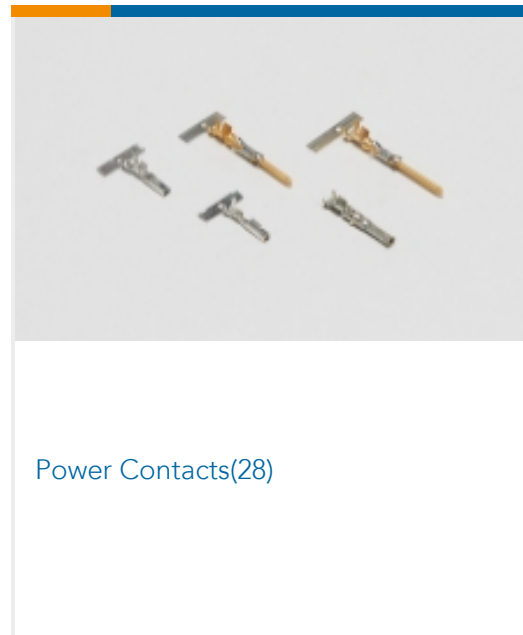
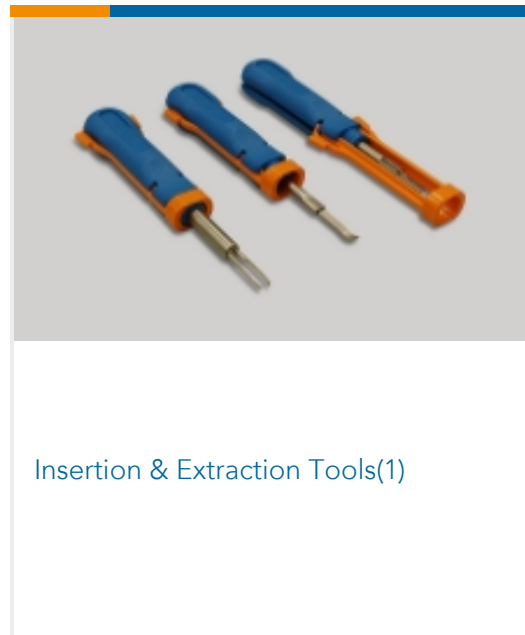
TE Part # 2151746-1  
OCEAN\_2.0\_Applicator-S-080F120F



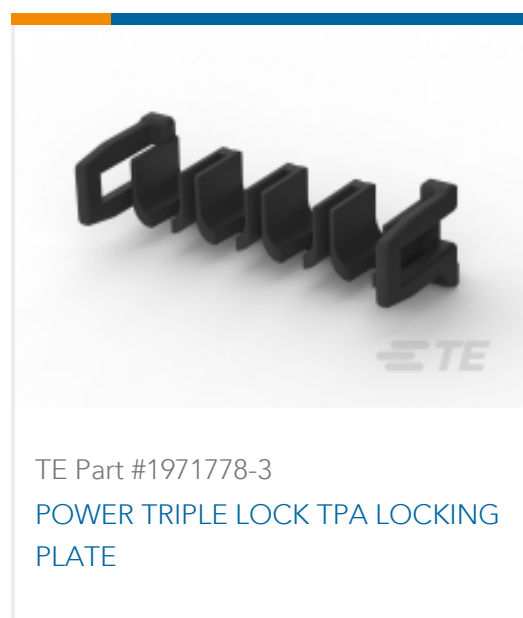
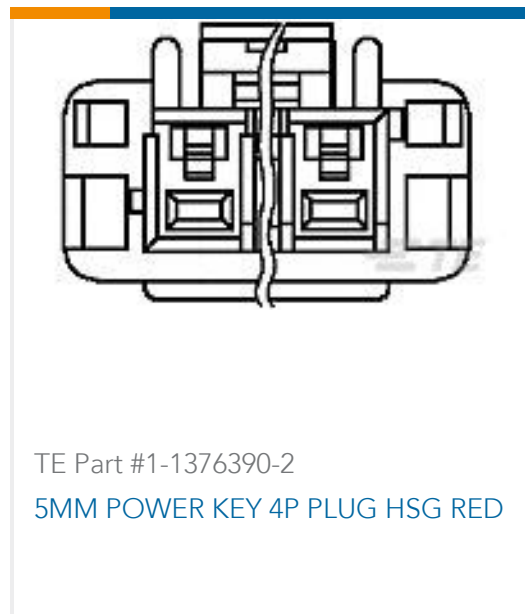
TE Part # 2151746-2  
OCEAN\_2.0\_Applicator-S-080F120F



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



Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1971237-2\\_D.2d\\_dxf.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_1971237-2\\_D.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1971237-2\\_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

[9-1773465-1 Power Triple Lock QRG](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English

### Instruction Sheets

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

English

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

English

### Agency Approvals

[VDE Certificate](#)

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