

1971777-3 ✓ ACTIVE



Power Triple Lock

TE Internal #: 1971777-3

Rectangular Connector Locking, TPA (Terminal Position Assurance),
3 Position, UL 94V-0, -67 – 302 °F [-55 – 150 °C], Power Triple Lock

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Accessories > Rectangular Connector Locking >

Locking Plate, POWER TRIPLE LOCK, TPA



Connector & Contact Retention Accessory Type: **TPA (Terminal Position Assurance)**

Number of Positions: **3**

UL Flammability Rating: **UL 94V-0**

Operating Temperature Range: **-55 – 150 °C [-67 – 302 °F]**

[All Locking Plate, POWER TRIPLE LOCK, TPA \(8\)](#)

Features

Product Type Features

Connector & Contact Retention Accessory Type	TPA (Terminal Position Assurance)
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Configuration Features

Number of Positions	3
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Material	Glass-Filled Nylon
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Primary Product Color	Black
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Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Halogen Free	Yes
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Industry Standards

Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	2500
Packaging Method	Bag

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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
High Temperature Plug — POWER TRIPLE LOCK



TE Part # CAT-P87074-C1701A
POWER TRIPLE LOCK High Temperature Caps



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



TE Part # CAT-P87074-C1701
Standard Temperature Caps | POWER TRIPLE LOCK



TE Part # CAT-P87074-C1701B
POWER TRIPLE LOCK: Glow Wire Cap



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




TE Part # 5-2232362-3
PTL MFBL 1X3 PLUG HSG GLW WIRE NAT




TE Part # 5-2232353-3
PTL MFBL 1X3 CAP PANEL MT GLW WIRE NAT


Also in the Series | Power Triple Lock



Insertion & Extraction Tools(1)



Power Contacts(30)

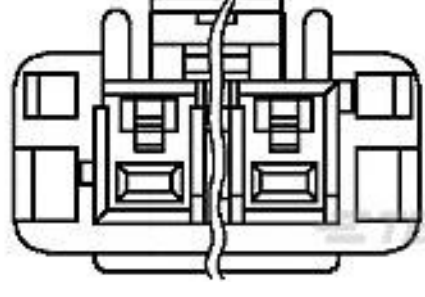


Rectangular Connector Locking(12)



Rectangular Power Connectors(300)

Customers Also Bought



TE Part #1-1376390-2
5MM POWER KEY 4P PLUG HSG RED



TE Part #5-1971876-3
PTL 3X3 PLUG HSG HIGH TEMP KEY A LGR



TE Part #1-1971772-3
PTL 1X3 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1971783-1
Receptacle Contact — POWER TRIPLE LOCK



TE Part #1376395-1
5MM POWER KEY D/L PLATE GREEN



TE Part #5-1971875-3
PTL 3X3 CAP PANEL MT HITEMP KEY A LGR



TE Part #1-1971776-3
PTL 2X3 PLUG HSG STD TEMP KEY A NAT



TE Part #1971788-2
PTL TAB CONTACT, 2X18 AWG

Documents

Product Drawings

[PTL TPA HIGH TEMP 1 x 3 BLACK](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1971777-3_B.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1971777-3_B.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1971777-3_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Make First, Break Last Power Triple Lock Connector](#)

English

[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

[Application Specification](#)

English

Product Environmental Compliance

[MD_1971777-3_03232018710_dmtec](#)

English

[MD_1971777-3_03232018710_dmtec](#)

English