

1971777-3 ✓ ACTIVE

Power Triple Lock

TE Internal #: 1971777-3

TPA (Terminal Position Assurance), Black, Glass-Filled Nylon, 3 Position, Power Triple Lock

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Hardware > Locking Plate, POWER TRIPLE LOCK, TPA



Hardware Accessory Function: **Position Assurance**

Connector Hardware Accessory Type: **TPA (Terminal Position Assurance)**

Primary Product Color: **Black**

Primary Product Material: **Glass-Filled Nylon**

Number of Positions: **3**

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

Features

Product Type Features

Hardware Accessory Function	Position Assurance
Connector Hardware Accessory Type	TPA (Terminal Position Assurance)

Configuration Features

Number of Positions	3
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Body Features

Primary Product Color	Black
Primary Product Material	Glass-Filled Nylon

Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Industry Standards

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



Packaging Features

Packaging Method	Bag
Packaging Quantity	2500

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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-P729B
POWER TRIPLE LOCK Glow Wire Plug



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



TE Part # CAT-P87074-P729A
High Temperature Plug — POWER TRIPLE LOCK



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



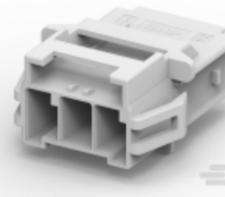

TE Part # CAT-P87074-P729
POWER TRIPLE LOCK Plug, Standard Temperature



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



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

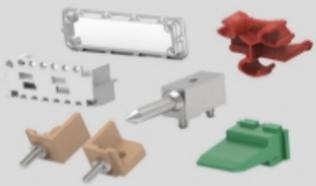


TE Part # 5-2232353-3
PTL MFBL 1X3 CAP PANEL MT GLW WIRE NAT

Also in the Series | Power Triple Lock



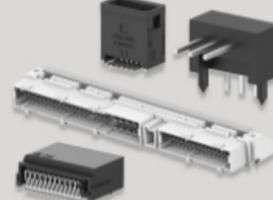
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)



Power Contacts(26)



Rectangular Power Connectors(301)



Wire-to-Board Headers & Receptacles (21)

Customers Also Bought



TE Part #353148-5
POSITIVE LOCK 187 HOUSING RECEPTACLE



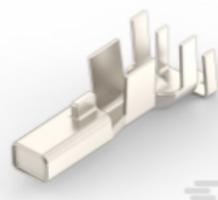
TE Part #1742543-1
250 FASTON,FLAG,REC.,18-12 AWG, NPST



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



TE Part #1971777-5
PTL TPA HIGH TEMP 1 x 5 BLACK



TE Part #CAT-P87074-R2435
Receptacle Contact — POWER TRIPLE LOCK



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



TE Part #1971789-1
CPA



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



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

[1-1773734-9 TE Power Triple Lock Quick Reference Guide - German](#)

German

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

English

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

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English