

Power Triple Lock

TE Internal #: 1971777-3

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

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



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

Primary Product Color: **Black**

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

Number of Positions: **3**

Operating Temperature (Max): **150 °C [ 302 °F ]**

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

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 3 |
|---------------------|---|

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 # 5-2232362-3  
PTL MFBL 1X3 PLUG HSG GLW WIRE NAT



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



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



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 #1971789-1  
CPA

TE Part #9-1971773-2  
PTL 1X2 PLUG HSG HIGH TEMP KEY A LGR

TE Part #2238122-1  
AMVAR SPLC 1500-5000 016TPBR

TE Part #5-1971772-4  
PTL 1X4 CAP PANEL MT HITEMP KEY A LGR

TE Part #CAT-P87074-T669  
Locking Plate, POWER TRIPLE LOCK, TPA

TE Part #1971780-2  
PTL TAB CONTACT, 12 AWG

TE Part #1-1971775-4  
PTL 2X4 CAP PANEL MT STD TEMP KEY A NAT

TE Part #63667-1  
MAG-MATE 187 FAST TAB 020TPBR



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

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English

Application Specification

English