

1971777-2 ✓ ACTIVE



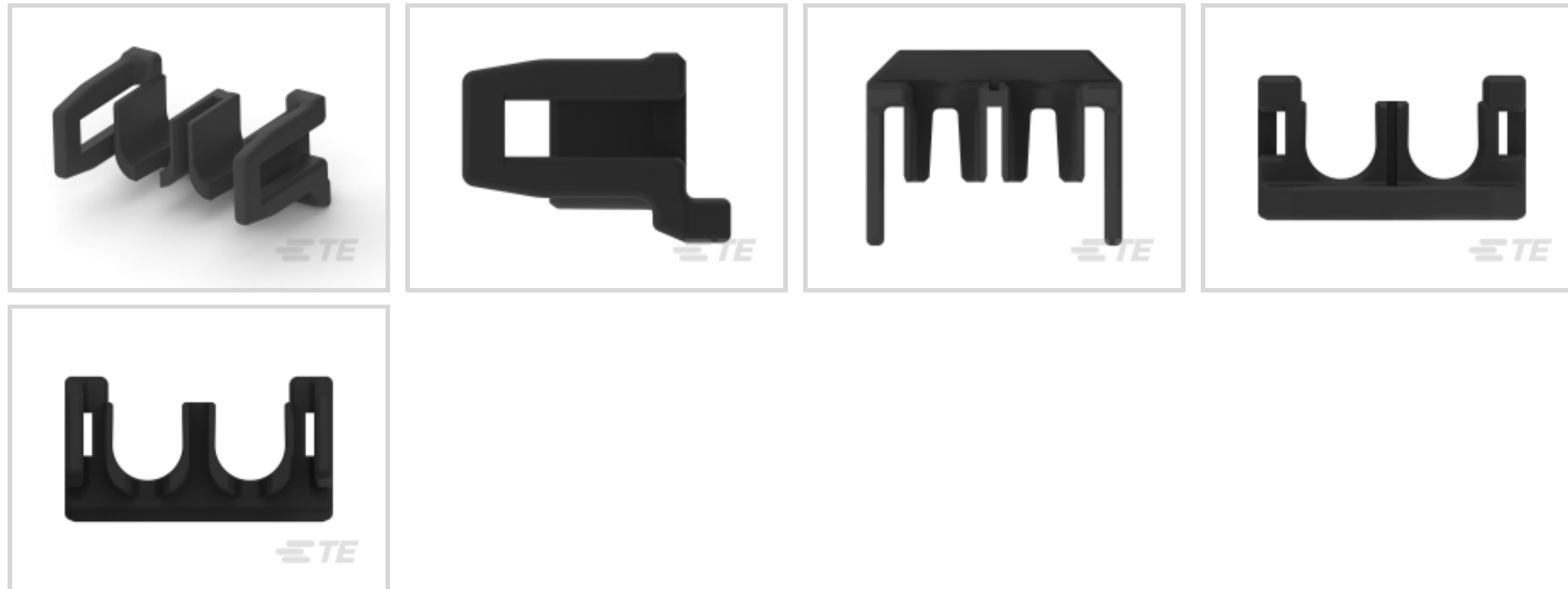
### Power Triple Lock

TE Internal #: 1971777-2

Rectangular Connector Locking, TPA (Terminal Position Assurance),  
Wire-to-Wire, 2 Position, .236 in [6 mm] Centerline, Wire & Cable,  
Power Triple Lock

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Accessories > Locking > POWER TRIPLE LOCK TPA LOCKING PLATE



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

Connector System: **Wire-to-Wire**

Number of Positions: **2**

Centerline (Pitch): **6 mm [ .236 in ]**

Connector & Contact Terminates To: **Wire & Cable**

#### [All POWER TRIPLE LOCK TPA LOCKING PLATE \(8\)](#)

## Features

### Product Type Features

Product Type	Accessory
Glow Wire Rating	High Temperature Part - Not Glow Wire
Connector & Contact Retention Accessory Type	TPA (Terminal Position Assurance)
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	2
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### Electrical Characteristics

Operating Voltage	600 VDC
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### Body Features

Color	Black
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### Housing Features



Housing Material	Glass-Filled Nylon
Housing Color	Black
Centerline (Pitch)	6 mm [.236 in]

### Usage Conditions

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

For Use With	Cap Housing (FH/PM), Plug Housing
Halogen Free	Yes

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Bag
Packaging Quantity	3500

### 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 applicable 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  
POWER TRIPLE LOCK HIGH TEMP PLUG



TE Part # CAT-P87074-C1701A  
POWER TRIPLE LOCK HIGH TEMP CAP



TE Part # CAT-P87074-P729  
POWER TRIPLE LOCK STD TEMP PLUG

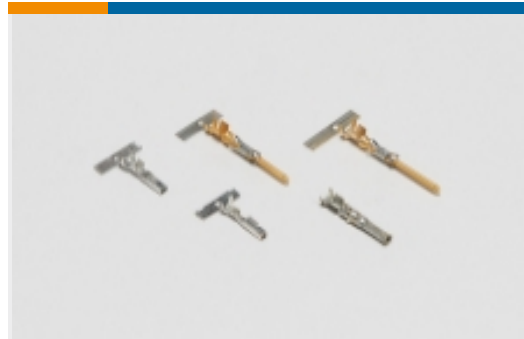


TE Part # CAT-P87074-C1701  
POWER TRIPLE LOCK STD TEMP CAP

## 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 #5-1971876-3  
POWER TRIPLE LOCK HIGH TEMP PLUG



TE Part #1971785-2  
PTL RECEPTACLE CONTACT, 20 - 24 AWG



TE Part #1-1971773-2  
PTL 1X2 PLUG HSG STD TEMP KEY A NAT



TE Part #5-1971775-4  
POWER TRIPLE LOCK HIGH TEMP CAP



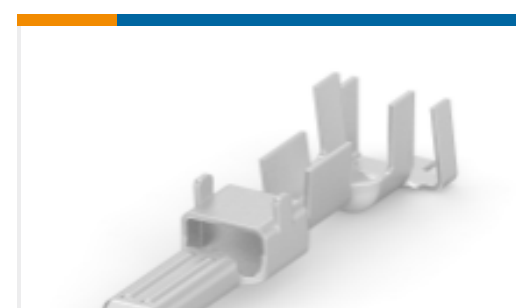
TE Part #1971778-4  
PTL TPA HIGH TEMP 2 x 4 BLACK



TE Part #1971789-1  
CPA



TE Part #1-2299960-1  
TRAY PACKAGE.THERMOCOUPLE  
CONN KTYPE TAB



TE Part #4-1971784-2  
PTL TAB CONTACT LP, 16-19 AWG,  
2X22

## Documents

### Product Drawings

#### PTL TPA HIGH TEMP 1 x 2 BLACK

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1971777-2\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1971777-2\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1971777-2\\_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

#### 9-1773465-1 Power Triple Lock QRG

English

### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### MD\_1971777-2\_0823201859\_dmtec

English

#### MD\_1971777-2\_0823201859\_dmtec

English