

1971778-6 ✓ ACTIVE



Power Triple Lock

TE Internal #: 1971778-6

Rectangular Connector Locking, TPA (Terminal Position Assurance), Wire-to-Wire, 12 Position, .236 in [6 mm] Centerline, Power Triple Lock

[View on TE.com >](#)

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



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

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

Number of Positions: **12**

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

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

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

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	12
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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	800

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: JUNE 2022 (224) Does not contain REACH SVHC
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-C1701
Standard Temperature Caps | POWER TRIPLE LOCK



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



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



TE Part # CAT-P87074-P729A
POWER TRIPLE LOCK HIGH TEMP PLUG



TE Part # CAT-P87074-P729B
POWER TRIPLE LOCK GLOW WIRE PLUG

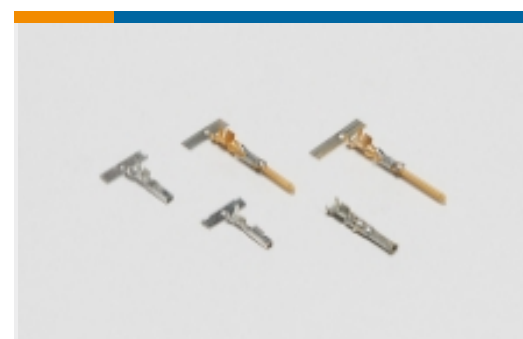


TE Part # CAT-P87074-P729
POWER TRIPLE LOCK Plug, Standard Temperature

Also in the Series | Power Triple Lock



Insertion & Extraction Tools(1)



Power Contacts(28)



Rectangular Connector Locking(12)



Rectangular Power Connectors(299)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1971778-6_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1971778-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971778-6_A.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_1971778-6_08162016315_dmtec](#)

English

[MD_1971778-6_08162016315_dmtec](#)

English