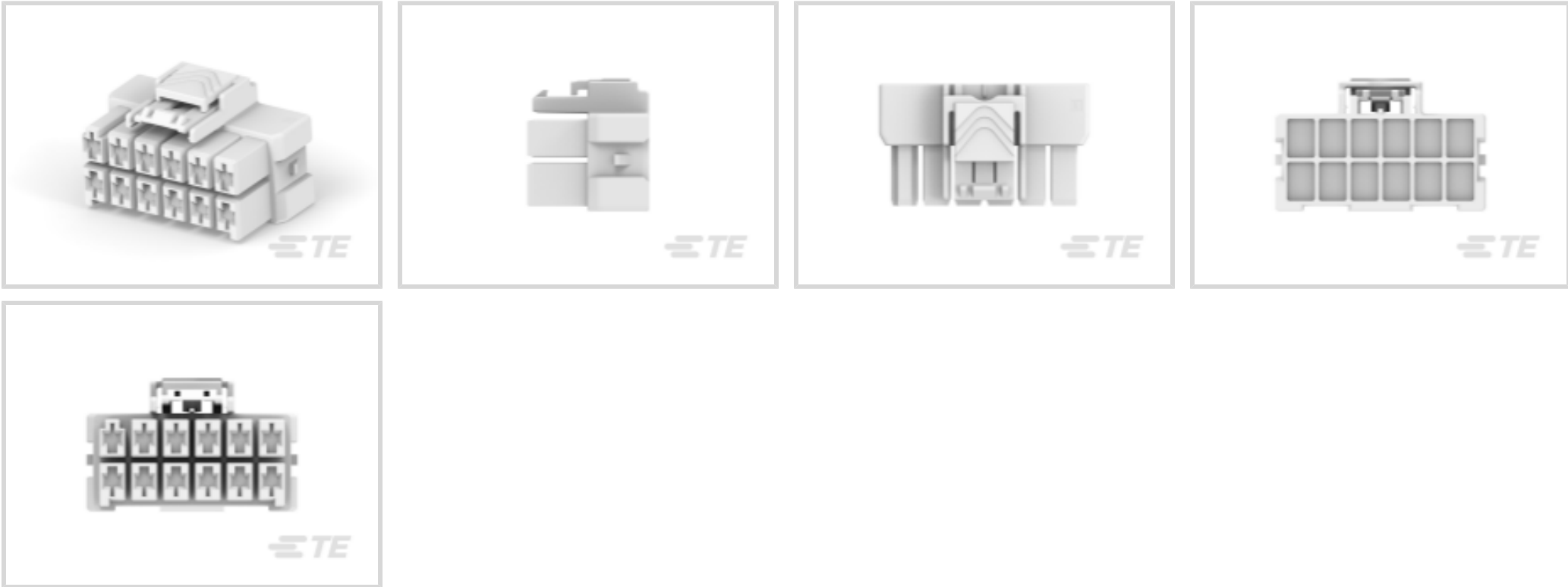




Power Triple Lock

TE Internal #: 1-1971776-6
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 12
Position, 6 mm [.236 in] Centerline, Wire & Cable, UL 94V-0, Power
Triple Lock
[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK Plug, Standard Temperature



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Wire**
Number of Positions: **12**
Centerline (Pitch): **6 mm [.236 in]**

[All POWER TRIPLE LOCK Plug, Standard Temperature \(48\)](#)

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Power Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

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Cable Exit Angle	180°
Connector & Keying Code	A
Contact Features	
Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6 mm [.236 in]
Housing Color	Natural
Housing Material	PBT GF
Dimensions	
Row-to-Row Spacing	8.1 mm [.319 in]
Usage Conditions	
Operating Temperature Range	-55 - 105 °C [-67 - 221 °F]
Operation/Application	
Circuit Application	Power
Identification Marking	
Circuit Identification Feature	With
Industry Standards	
UL Rating	Recognized
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Method	Carton



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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1971778-6
PTL TPA HIGH TEMP 2 x 6 BLACK



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



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA



TE Part # 5-2232266-6
PTL 2X6 PLUG HSG GLW WIRE KEY A DGR

TE Part # 1-1971775-6
PTL 2X6 CAP PANEL MT STD TEMP KEY A NAT

TE Part # 1-2232357-4
PTL 3X4 PLUG HSG HOT WIRE KEY A BLK

TE Part # 1-2232357-5
PTL 3X5 PLUG HSG HOT WIRE KEY A BLK

Also in the Series | Power Triple Lock

Connector Contacts(28)

Connector Hardware(12)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(301)

Customers Also Bought

TE Part # 3-647409-1
SL156 HOODED CONT, LID,LP LF

TE Part # 5-1971775-3
PTL 2X3 CAP PANEL MT HIGH TEMP KEY A LGR

TE Part # 5-1971776-3
PTL 2X3 PLUG HSG HIGH TEMP KEY A LGR

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

TE Part # 1971237-2
PTL RECEPTACLE CONTACT, 2X20 AWG

TE Part # 1-322249-1
PG SPDFLG 22-16COMM 22-18MIL 6

TE Part # 2238173-3
250 FASTON,REC.,22-12 AWG,TPBR

TE Part # 5-2176331-9
CRGP 2512 680K 1%

TE Part # 1-1971775-3
PTL 2X3 CAP PANEL MT STD TEMP KEY A NAT



Documents

Product Drawings

PTL 2X6 PLUG HSG STD TEMP KEY A NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1971776-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1971776-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1971776-6_E.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

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English