



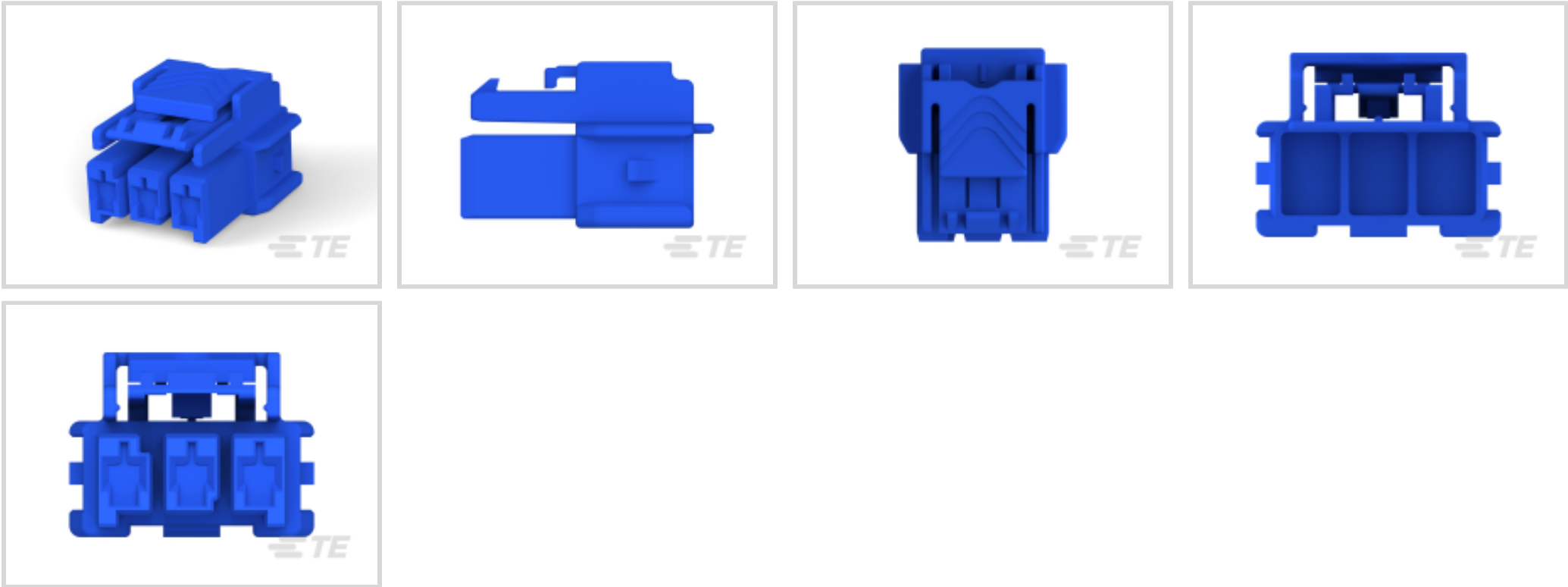
Power Triple Lock

TE Internal #: 3-1971773-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 3 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: **3**

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 | 3 |
| Number of Power Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Body Features

| | |
|--|--|
| | |
|--|--|



| | |
|-------------------------|------|
| Cable Exit Angle | 180° |
| Connector & Keying Code | C |

Contact Features

| | |
|----------------------------------|------------|
| Contact Layout | Inline |
| 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 | Blue |
| Housing Material | PBT GF |

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 |
| Agency/Standard | UL |
| Approved Standards | 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 |

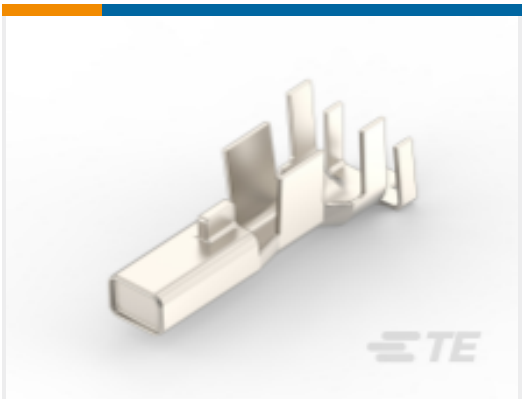
Product Compliance Disclaimer

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 # 1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACK




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



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA



TE Part # 3-1971772-3
PTL 1X3 CAP PANEL MT STD TEMP
KEY C BLU

Also in the Series | Power Triple Lock



Insertion & Extraction Tools(1)

Power Contacts(30)

Rectangular Connector Locking(12)

Rectangular Power Connectors(300)

Customers Also Bought

TE Part #2-34541-1
PIDG SPD 22-16 COMM 22-18MIL 6

TE Part #177908-4
POWER DBL LOCK CAP HSG P/M 4P

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

TE Part #170362-3
MINI UNIVERSAL M-N-L SOCKET

TE Part #63241-3
FF 110 REC 22-18AWG PTBR

TE Part #CN9926-000
SBP100375WE2.5

TE Part #1871745-1
DYNAMIC D1000 REC CONT 2L PRE TIN L/P

Documents

Product Drawings
PTL 1X3 PLUG HSG STD TEMP KEY C BLU
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_3-1971773-3_F.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_3-1971773-3_F.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_3-1971773-3_F.3d_stp.zip
English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English