



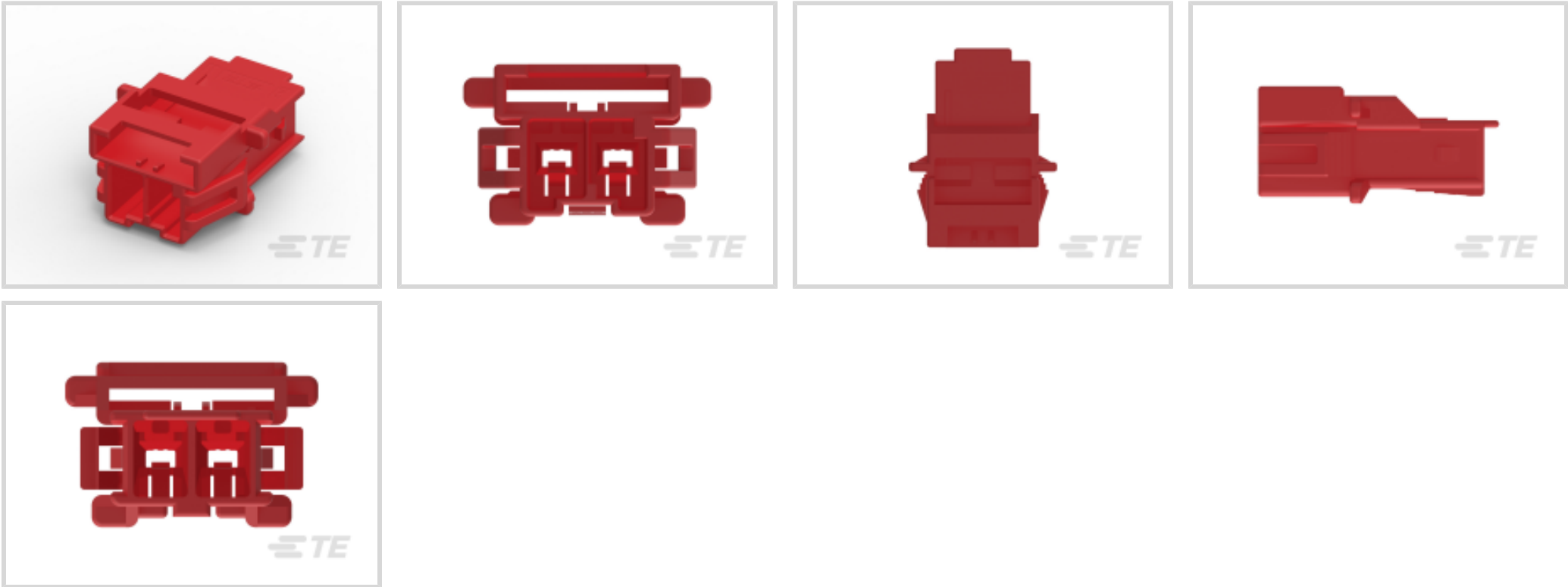
Power Triple Lock

TE Internal #: 6-1971772-2

Rectangular Power Connectors, Housing, Cap, Wire-to-Wire, 2
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 High Temperature Caps



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

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

Number of Positions: **2**

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

[All POWER TRIPLE LOCK High Temperature Caps \(44\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|---------------------------|---|
| Number of Positions | 2 |
| Number of Power Positions | 2 |
| Number of Rows | 1 |

Electrical Characteristics

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

Body Features

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



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

Contact Features

| | |
|----------------------------------|---------|
| Contact Layout | Inline |
| Contact Retention Within Housing | Without |
| Contact Type | Tab |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|--------------------------|-------------|
| Panel Mount Feature | With |
| Panel Mount Feature Type | Latches |
| Connector Mounting Type | Panel Mount |

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 6 mm [.236 in] |
| Housing Color | Red |
| Housing Material | Nylon |

Dimensions

| | |
|-------------------------------|---------------------------|
| Panel Thickness (Recommended) | 1 - 2 mm [.039 - .079 in] |
| Connector Height | 14.95 mm |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 - 150 °C [-67 - 302 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Identification Marking

| | |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Industry Standards

| | |
|---|----------------------------|
| Glow Wire Material Rating | Material with GWIT ≥ 775°C |
| UL Rating | Recognized |
| Compatible With Agency/Standards Products | UL, VDE |
| Compatible With Approved Standards Products | UL E28476 |
| UL Flammability Rating | UL 94V-0 |



Glow Wire Rating

GWT 850°C (Flame ≤ 30 sec)

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 | 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 # 1971777-2
PTL TPA HIGH TEMP 1 x 2 BLACK



TE Part # CAT-P87074-T111
Tab Contact - POWER TRIPLE LOCK



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA



TE Part # 6-1971773-2
PTL 1X2 PLUG HSG HIGH TEMP KEY
B RED

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 # 1969443-6
EP 2.5 TPA Retainer, 6 Pos

TE Part # 1742883-1
187 FASTON,REC.,20-16 AWG,NPST

TE Part # 2-2338183-8
EP 2.5 HOUSING 8P, BLUE, UL version

TE Part # 4-2338183-9
EP 2.5 HOUSING 9P, BLACK, UL version

TE Part # 177627-1
PL .250 (6.3 MM) HOUSING
RECEPTACLE

TE Part # 2-480416-5
250 FASTON HSG.,REC.,1 POS,
NATURAL

TE Part # 2238196-3
FASTON 250 STD REC STR 18-14TPBR

TE Part # 1-521204-4
HSG, POS LOCK, .250 SERIES, 2
POSITION

TE Part # 1-176282-5
AMP UNIVERSAL POWER CAP 2P
GREEN

TE Part # 2-1971777-4
PTL TPA HWI 1X4 NATURAL



Documents

Product Drawings

PTL 1X2 CAP PANEL MT HITEMP KEY B RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1971772-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1971772-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1971772-2_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English