



Power Triple Lock

TE Internal #: 8-1971773-2  
Housing, Plug, Wire-to-Wire, 2 Position, 6 mm [.236 in] Centerline,  
Wire & Cable, UL 94V-0, Power Triple Lock, Rectangular Power  
Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > High Temperature Plug — POWER TRIPLE LOCK



EU RoHS Compliance: **Compliant**  
EU ELV Compliance: **Compliant**  
Rectangular Power Connector Type: **Housing**  
Connector & Housing Type: **Plug**  
Connector System: **Wire-to-Wire**

[All High Temperature Plug — POWER TRIPLE LOCK \(43\)](#)

Features

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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



Electrical Characteristics

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

Body Features

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

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      | Natural        |
| Housing Material   | Nylon          |

Dimensions

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

|                                             |                            |
|---------------------------------------------|----------------------------|
| Compatible With Agency/Standards Products   | UL                         |
| UL Rating                                   | Recognized                 |
| Glow Wire Material Rating                   | Material with GWIT ≥ 775°C |
| Compatible With Approved Standards Products | UL E28476                  |



|                        |                                       |
|------------------------|---------------------------------------|
| UL Flammability Rating | UL 94V-0                              |
| Glow Wire Rating       | High Temperature 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # CAT-P87074-R2435  
Receptacle Contact — POWER TRIPLE LOCK



TE Part # 1971777-2  
PTL TPA HIGH TEMP 1 x 2 BLACK



TE Part # 1452426-1  
EXTRACTION TOOL



TE Part # 1971789-1  
CPA



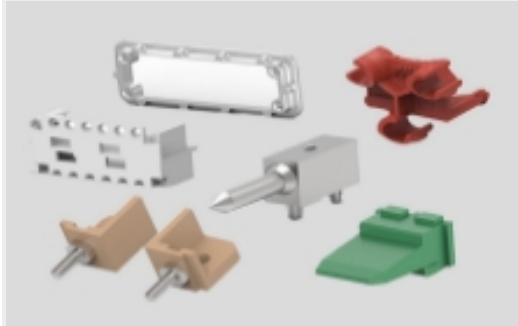


TE Part # 8-1971772-2  
PTL 1X2 CAP PANEL MT HITEMP KEY  
D NAT

Also in the Series | Power Triple Lock



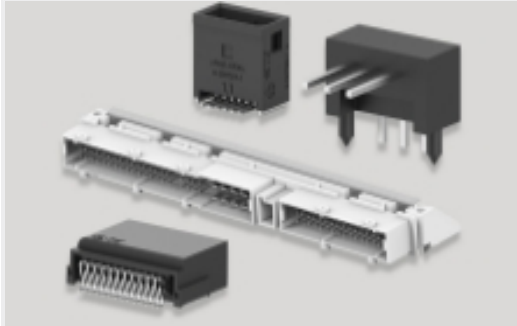
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)



Rectangular Power Connectors(280)

Customers Also Bought



TE Part #1376392-1  
5MM POWER KEY 4P PLUG 2ROW  
NUT



TE Part #1971777-2  
PTL TPA HIGH TEMP 1 x 2 BLACK  
NUT



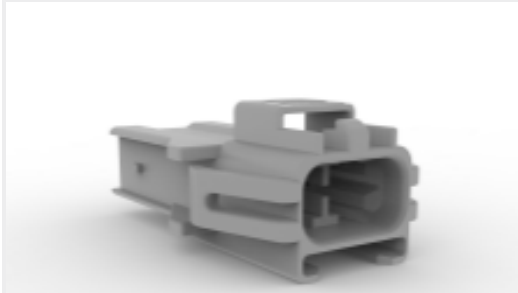
TE Part #1971785-1  
PTL RECEPTACLE CONTACT, 20 - 24  
AWG



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



TE Part #8-1971772-2  
PTL 1X2 CAP PANEL MT HITEMP KEY  
D NAT



TE Part #2-2378158-2  
Power Versa-Lock CAP, 1X2 KEY B



TE Part #2329908-1  
Power Versa-Lock SEAL TAB, 18-20  
AWG



TE Part #2329914-1  
Power Versa-Lock SEAL RECPT, 18-20  
AWG



Documents

Product Drawings

[PTL 1X2 PLUG HSG HIGH TEMP KEY D NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1971773-2\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1971773-2\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1971773-2\\_F.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