

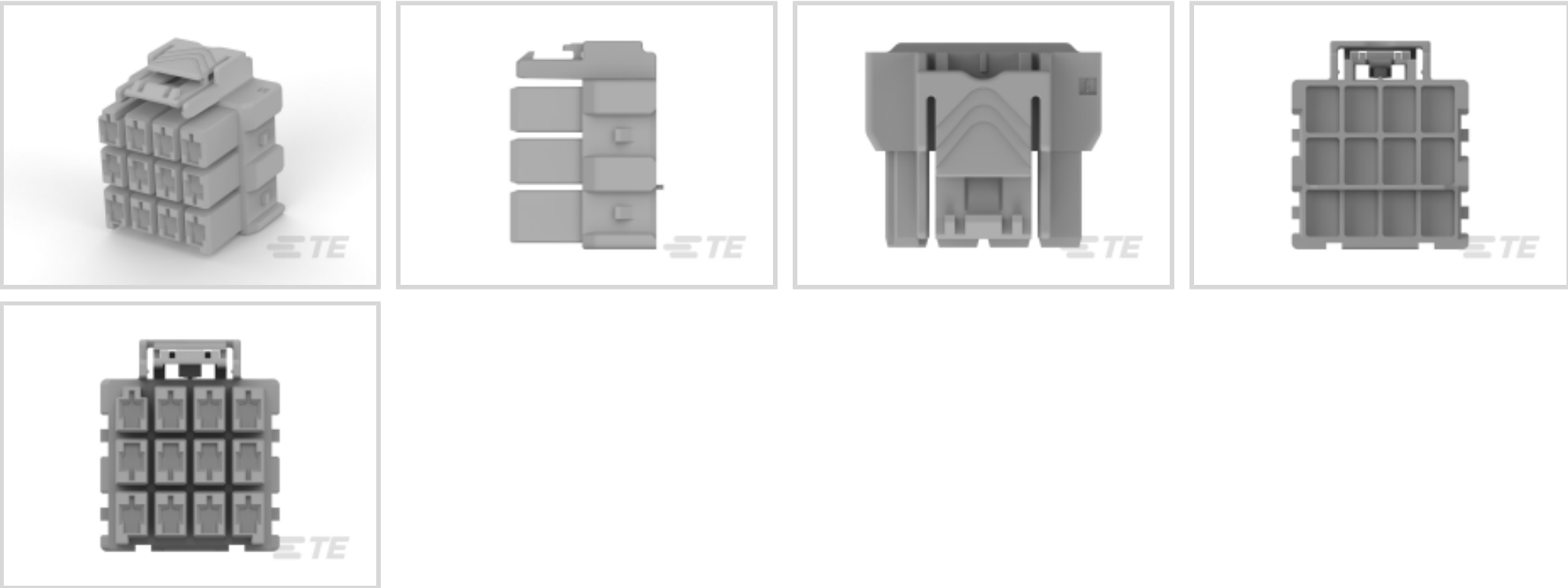


Power Triple Lock

TE Internal #: 5-1971876-4  
Housing, Plug, Wire-to-Wire, 12 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



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

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            | 3  |

Electrical Characteristics

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

Body Features

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



|                         |      |
|-------------------------|------|
| 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      | Gray          |
| Housing Material   | Nylon         |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 8.1 mm[.319 in] |
|--------------------|-----------------|

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 5-1971875-4  
PTL 3X4 CAP PANEL MT HITEMP KEY A LGR



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



TE Part # CAT-P87074-T669  
Locking Plate, POWER TRIPLE LOCK, TPA



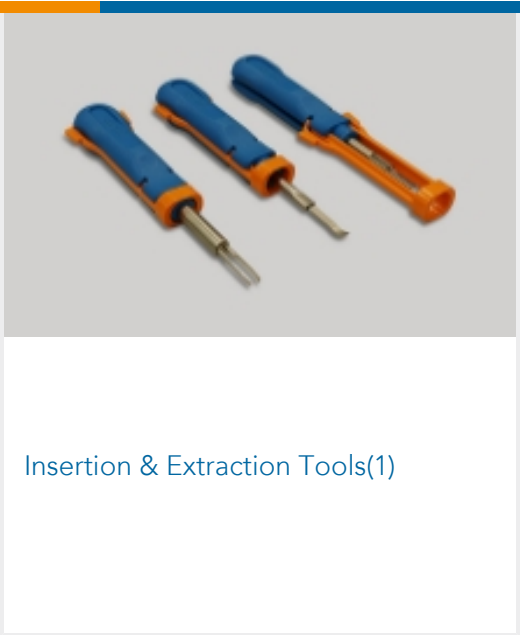
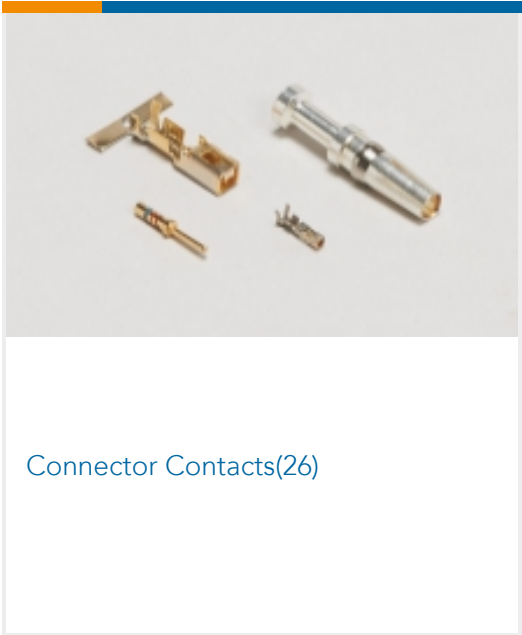
TE Part # 1452426-1  
EXTRACTION TOOL





Also in the Series

Power Triple Lock



Customers Also Bought



Documents

Product Drawings

PTL 3X4 PLUG HSG HIGH TEMP KEY A LGR

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_5-1971876-4\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1971876-4\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1971876-4\\_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

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English