

5-1971773-3 ✓ ACTIVE



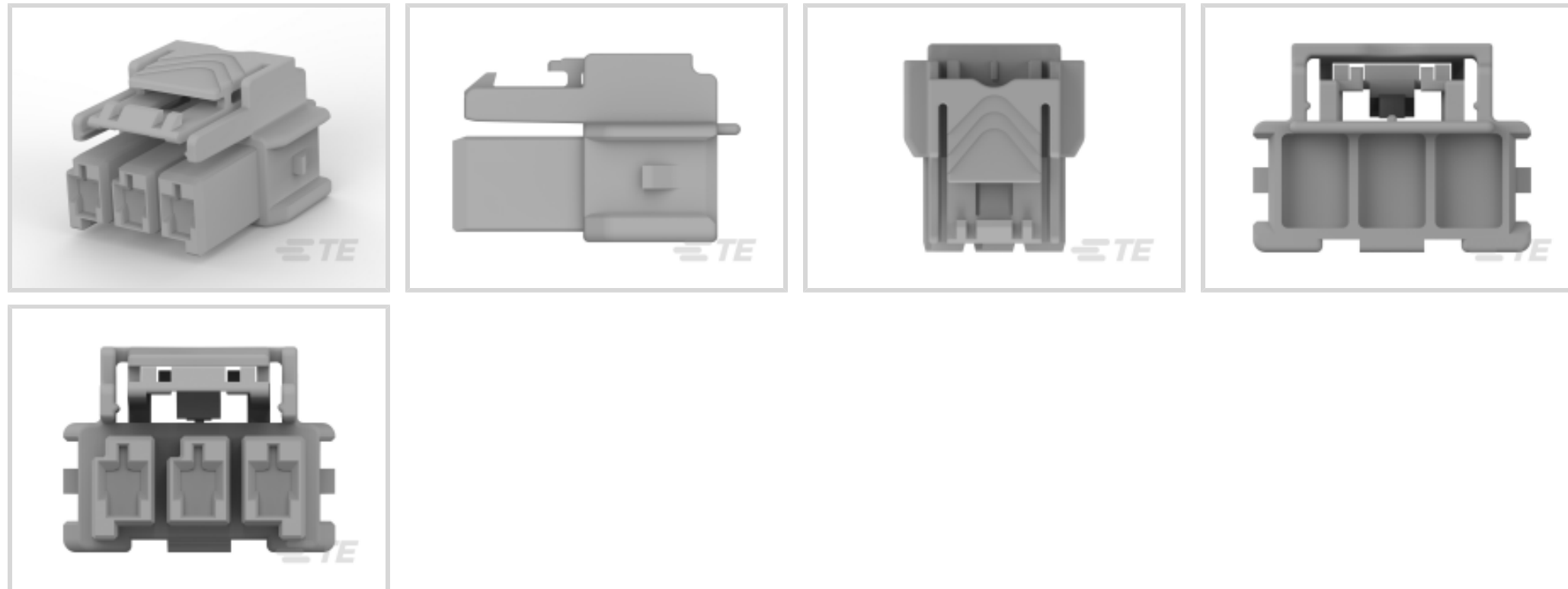
Power Triple Lock

TE Internal #: 5-1971773-3

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-0, 3 Position, 6 mm [236 in] Centerline, Power Triple Lock, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

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



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

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

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features



Connector & Keying Code	A
Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

Contact Layout	Inline
Contact Type	Receptacle
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Centerline (Pitch)	6 mm [.236 in]

Dimensions

Connector Height	14.95 mm
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Usage Conditions

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Glow Wire Material Rating	Material with GWIT ≥ 775°C
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	GWT 850°C (Flame ≤ 30 sec)
UL Flammability Rating	UL 94V-0

Packaging Features

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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 2025 (247)
 Candidate List Declared Against: JAN 2025 (247)
 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 # 1-1969688-2
PTL 1X2 PCB HEADER VERT HITEMP
KEY A LGR



TE Part # 1971789-1
CPA

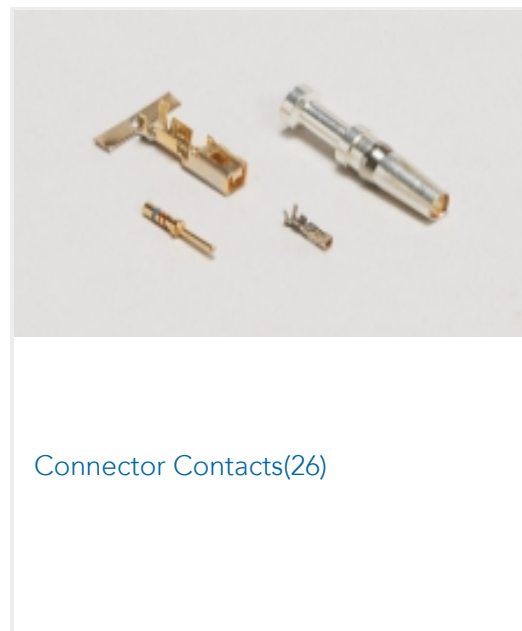


TE Part # 1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACK



TE Part # 1-1969688-3
PTL 1X3 PCB HEADER VERT HITEMP
KEY A LGR

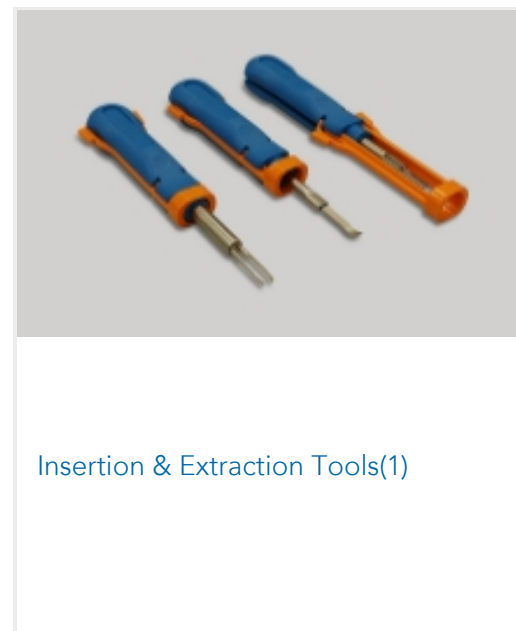
Also in the Series | Power Triple Lock



Connector Contacts(26)



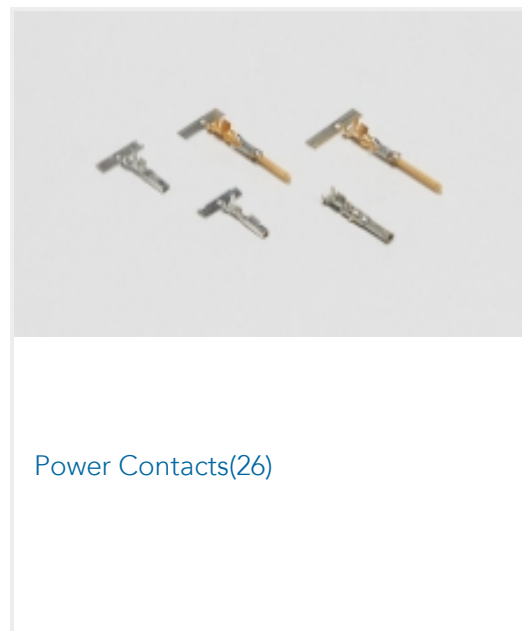
Connector Hardware(12)



Insertion & Extraction Tools(1)



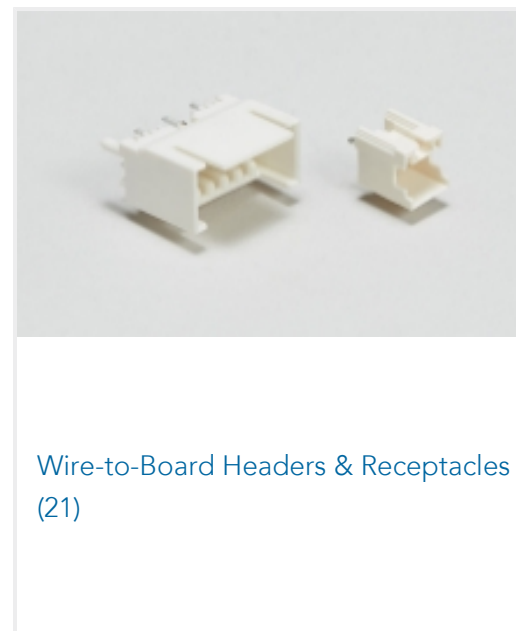
PCB Headers & Receptacles(21)



Power Contacts(26)



Rectangular Power Connectors(301)



Wire-to-Board Headers & Receptacles
(21)

Customers Also Bought



TE Part #1971785-2
PTL RECEPTACLE CONTACT, 20 - 24
AWG



TE Part #CAT-P87074-C1701A
POWER TRIPLE LOCK High
Temperature Caps



TE Part #1969443-4
EP 2.5 TPA Retainer, 4 Pos



TE Part #1971788-2
PTL TAB CONTACT, 2X18 AWG



TE Part #3-177899-1
POWER DBL LOCK PLUG HSG 3P



TE Part #CAT-P87074-P729A
High Temperature Plug — POWER
TRIPLE LOCK



TE Part #63604-1
250 FASTON FLAG REC 18-12 AWG
NPST



TE Part #1-2232265-2
PTL HWI PLUG HOUSING 1X3 KEY A
BLACK



Documents

Product Drawings

[PTL 1X3 PLUG HSG HIGH TEMP KEY A LGR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1971773-3_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1971773-3_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1971773-3_F.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

[9-1773465-1 Power Triple Lock QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English