

6-1971776-3 ✓ ACTIVE

Power Triple Lock

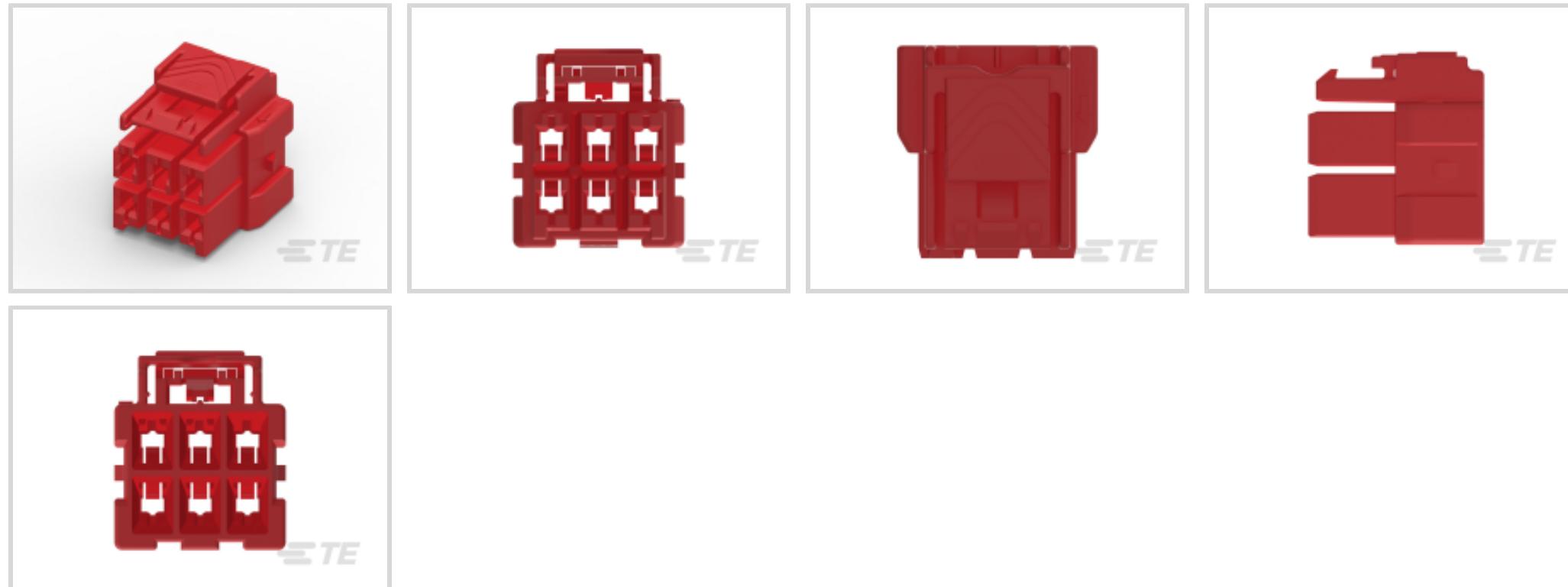
TE Internal #: 6-1971776-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 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 > High Temperature Plug — POWER TRIPLE LOCK



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

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	6
Number of Power Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Cable Exit Angle	180°
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Connector & Keying Code	B
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

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

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

Dimensions

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

Glow Wire Material Rating	Material with GWIT \geq 775°C
UL Rating	Recognized
Agency/Standard	UL, VDE
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 850°C (Flame \leq 30 sec)

Packaging Features

Packaging Method

Carton

Other

Power Connectors Comment

Complies with IEC 61984 Specification

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

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>

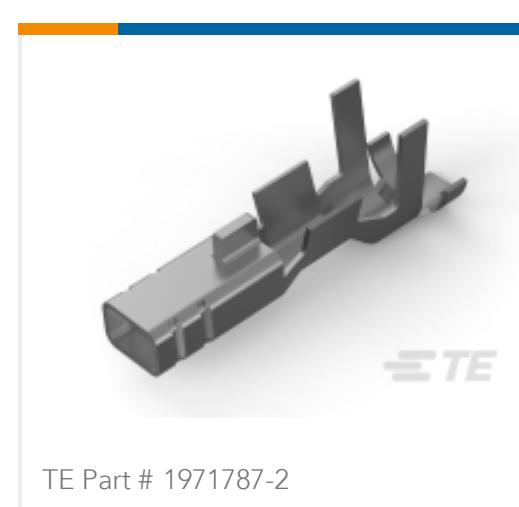
Compatible Parts



TE Part # 6-1971775-3
PTL 2X3 CAP PANEL MT HIGH TEMP
KEY B RED

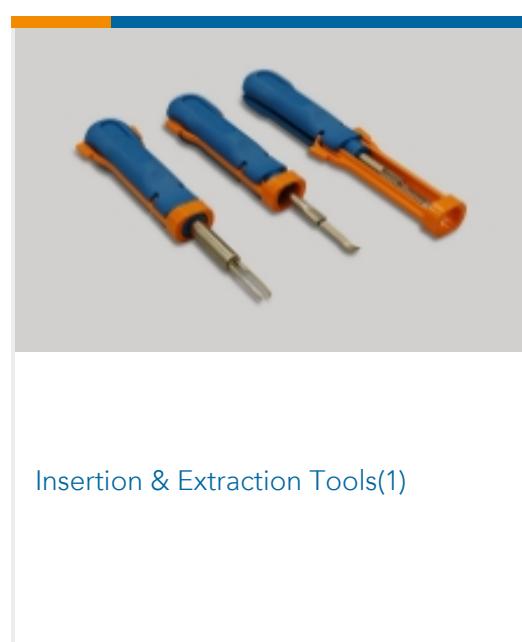


TE Part # 1452426-1
EXTRACTION TOOL

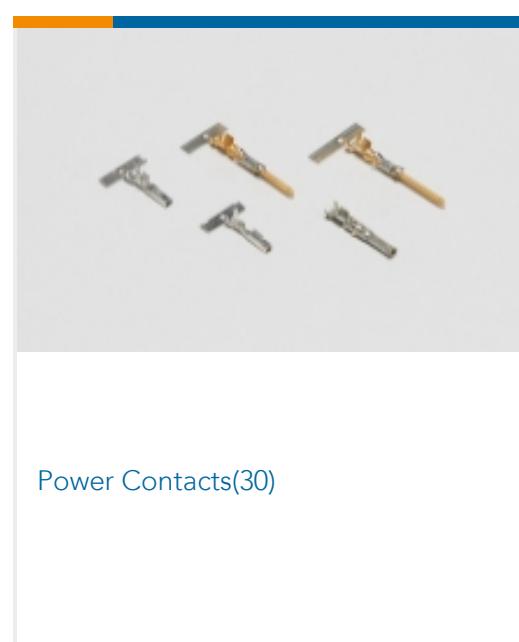


TE Part # 1971787-2
PTL RECEPTACLE CONTACT, 2X18
AWG

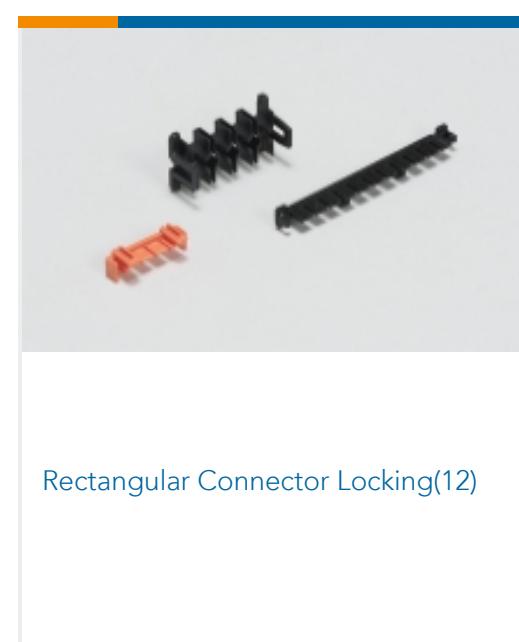
Also in the Series | [Power Triple Lock](#)



Insertion & Extraction Tools(1)



Power Contacts(30)



Rectangular Connector Locking(12)



Rectangular Power Connectors(300)

Customers Also Bought

TE Part #5-1971775-5
POWER TRIPLE LOCK High Temperature CapsTE Part #5-1971776-5
High Temperature Plug — POWER TRIPLE LOCKTE Part #63769-1
187 FASTON REC 18-16 AWG BRTE Part #644233-6
06P SL156 HSG W/RAMP W/O#5TE Part #1-2232357-6
PTL 3X3 PLUG HSG HOT WIRE KEY A
BLK

Documents

CAD Files

[3D PDF](#)
[3D](#)
[Customer View Model](#)
[ENG_CVM_CVM_6-1971776-3_E.2d_dxf.zip](#)
[English](#)
[Customer View Model](#)
[ENG_CVM_CVM_6-1971776-3_E.3d_igs.zip](#)
[English](#)
[Customer View Model](#)
[ENG_CVM_CVM_6-1971776-3_E.3d_stp.zip](#)
[English](#)

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Product Specifications

[Application Specification](#)
[English](#)

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English