

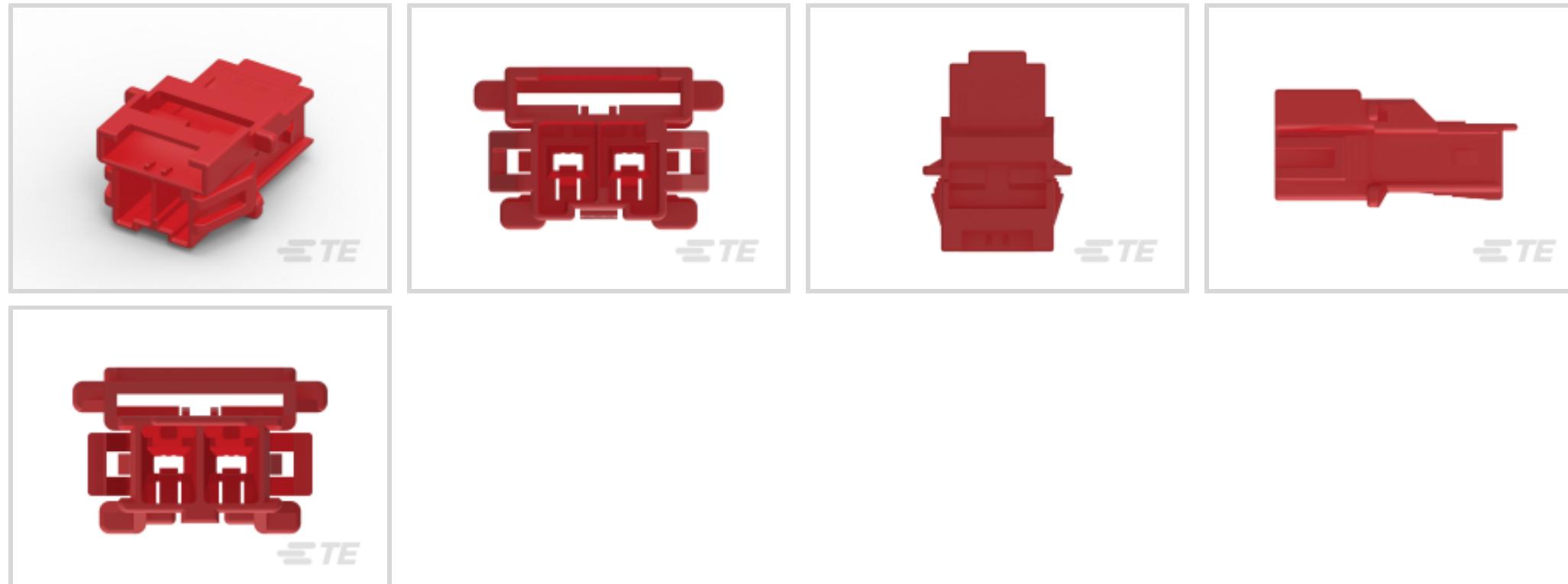
Power Triple Lock

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
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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	Inline
Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp
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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]
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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
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 # 1971772-2
PTL TPA HIGH TEMP 1 x 2 BLACK



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



TE Part # 1452426-1
EXTRACTION TOOL



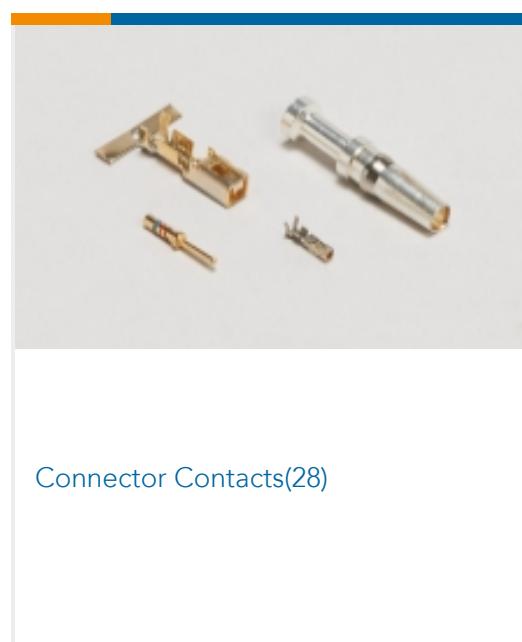
TE Part # 1971789-1
CPA



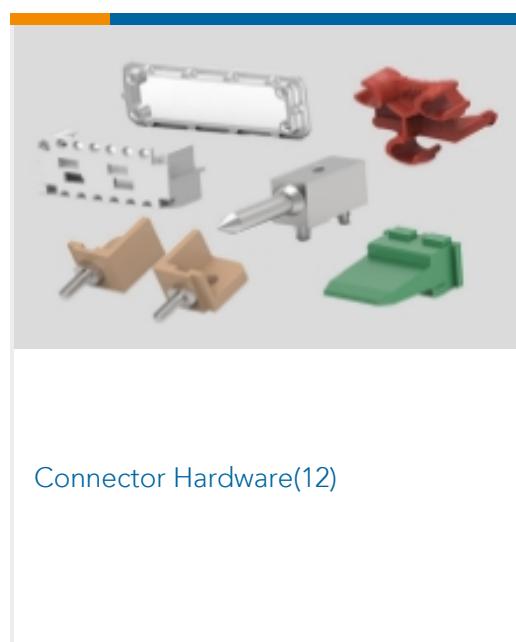
TE Part # 6-1971773-2
PTL 1X2 PLUG HSG HIGH TEMP KEY
B RED

Also in the Series

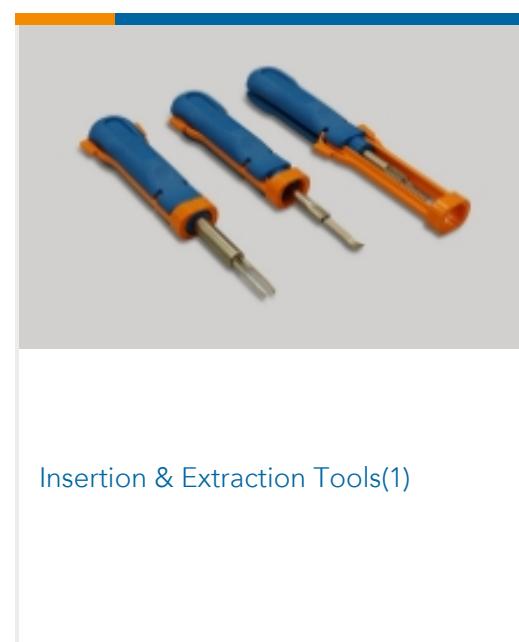
Power Triple Lock



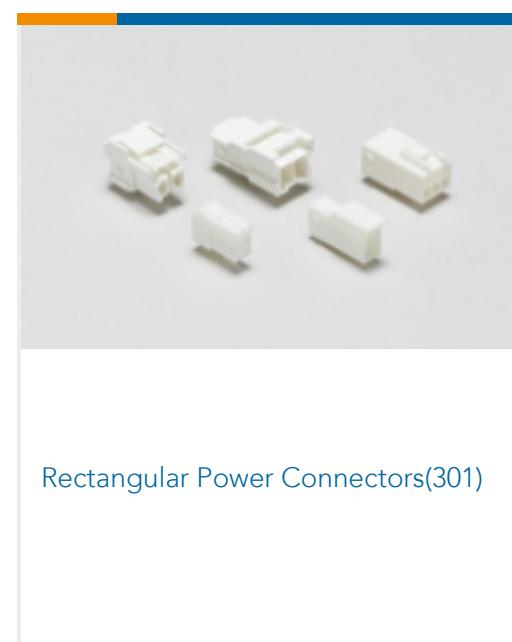
Connector Contacts(28)



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



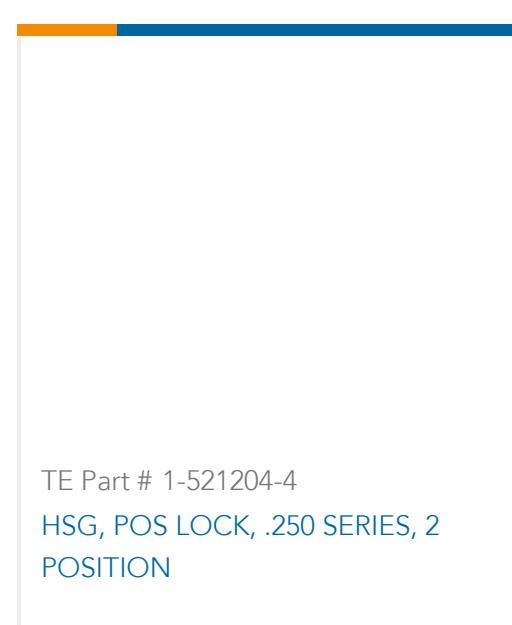
TE Part # 177627-1
PL .250 (6.3 MM) HOUSING
RECEPTACLE



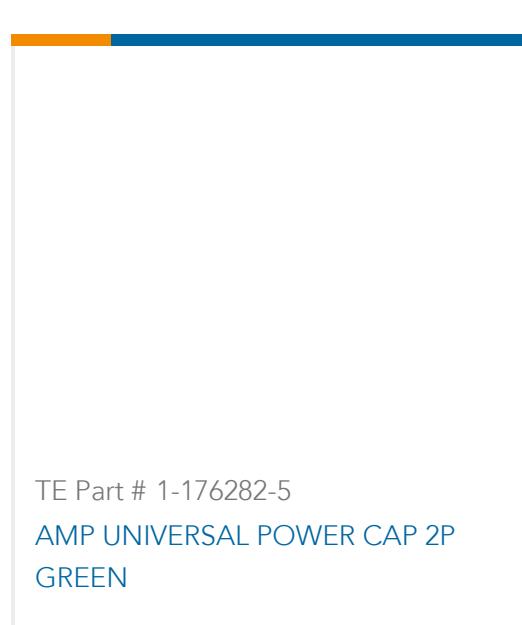
TE Part # 2-480416-5
250 FASTON HSG.,REC.,1 POS,
NATRUAL



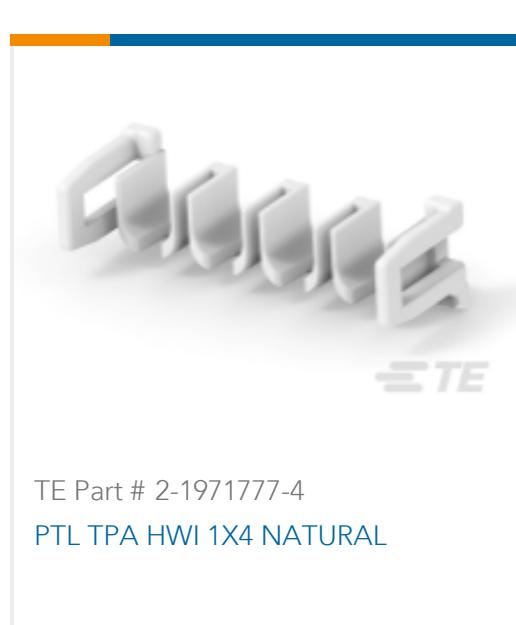
TE Part # 2238196-3
FASTON 250 STD REC STR 18-14TPBR



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