

7-1971876-7 ✓ ACTIVE

Power Triple Lock

TE Internal #: 7-1971876-7

Housing, Plug, Wire-to-Wire, 15 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: **15**

Centerline (Pitch): **6 mm [.236 in]**

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

Features

Body Features

Connector & Keying Code	C
Cable Exit Angle	180°

Identification Marking

Circuit Identification Feature	With
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Mechanical Attachment

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

Industry Standards



Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Glow Wire Material Rating	Material with GWIT \geq 775°C
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature Part - Not Glow Wire

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	15
Number of Power Positions	15
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Centerline (Pitch)	6 mm [.236 in]
Housing Color	Black
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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Packaging Features

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Packaging Method	Carton
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-2232357-5
PTL 3X5 PLUG HSG HOT WIRE KEY A BLK



TE Part # 1-2232356-5
PTL 3X5 CAP PANEL MT HOT WIRE KEY A BLK



TE Part # 1971779-2
PTL RECEPTACLE CONTACT, 12 AWG



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 7-1971875-7
PTL 3X5 CAP PANEL MT HITEMP KEY
C BLK

Also in the Series | Power Triple Lock



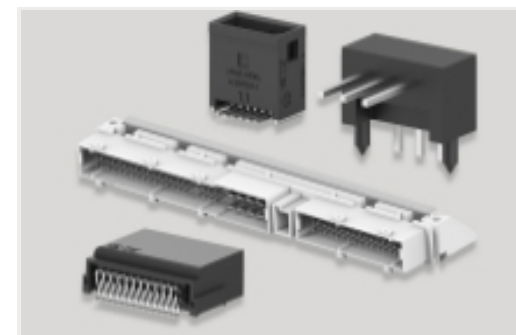
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



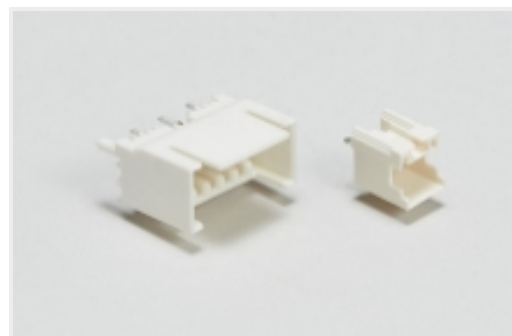
PCB Headers & Receptacles(21)



Power Contacts(26)



Rectangular Power Connectors(280)



Wire-to-Board Headers & Receptacles
(21)

Customers Also Bought



TE Part #2217267-1
SDE COMMERCIAL TOOL/DIE



TE Part #1971779-2
PTL RECEPTACLE CONTACT, 12 AWG



TE Part #3-1971876-7
PTL 3X5 PLUG HSG STD TEMP KEY C
BLU



TE Part #1452426-1
EXTRACTION TOOL



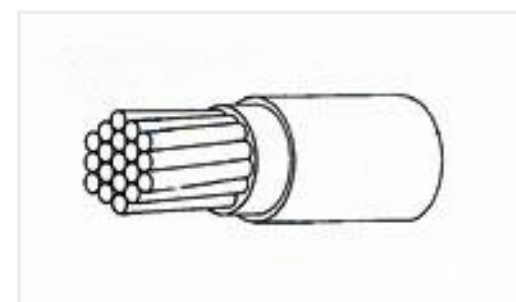
TE Part #6-534206-3
26 MODII VRT DR CE 100/115



TE Part #440052-4
2.5MM,HDR,4POS,VERTICAL,
CONNECTOR



TE Part #1971786-1
PTL TAB CONTACT, 20 - 24 AWG



TE Part #218517-001
22759/34-8-9



Documents

Product Drawings

[PTL 3X5 PLUG HSG HIGH TEMP KEY C BLK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1971876-7_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1971876-7_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1971876-7_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