

**Power Triple Lock**

TE Internal #: 7-1971876-7

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 15 Position, 6 mm [.236 in] Centerline, Wire &amp; Cable, UL 94V-0, Power Triple Lock

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Connectors &gt; Power Connectors &gt; Rectangular Power &gt; Rectangular Power Connectors &gt; 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

### 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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### Body Features

Cable Exit Angle	180°
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Connector & Keying Code	C
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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	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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#### Identification Marking

Circuit Identification Feature	With
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#### Industry Standards

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

#### Packaging Features

## Packaging Method

## Carton

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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	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>

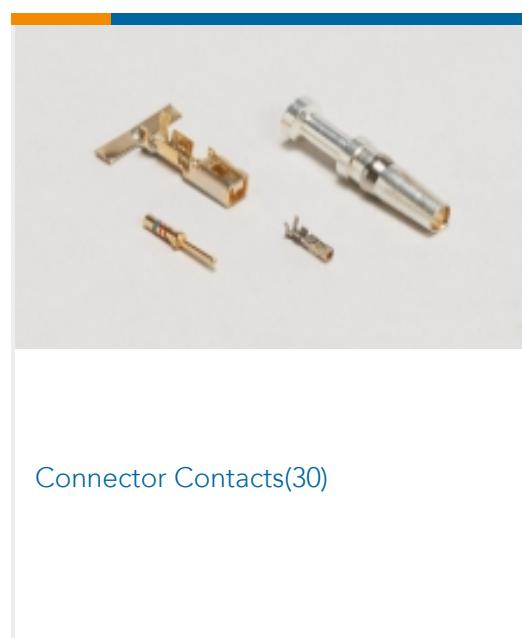
## Compatible Parts

			
TE Part # 7-1971875-7 PTL 3X5 CAP PANEL MT HITEMP KEY C BLK	TE Part # 1452426-1 EXTRACTION TOOL	TE Part # 1971779-2 PTL RECEPTACLE CONTACT, 12 AWG	TE Part # 1-2232356-5 PTL 3X5 CAP PANEL MT HOT WIRE KEY A BLK

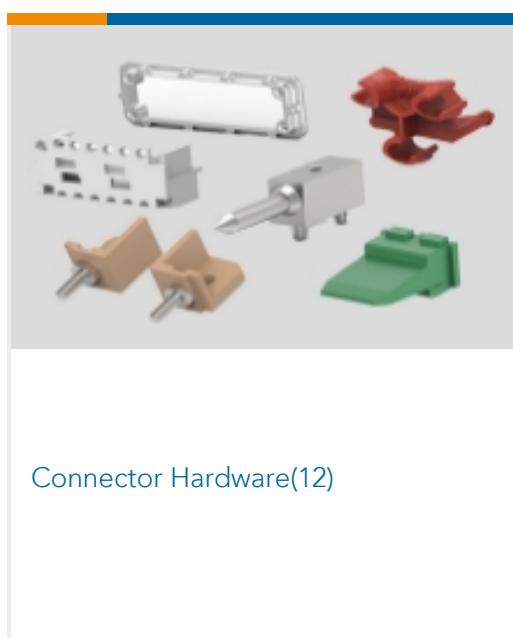


TE Part # 1-2232357-5  
PTL 3X5 PLUG HSG HOT WIRE KEY A  
BLK

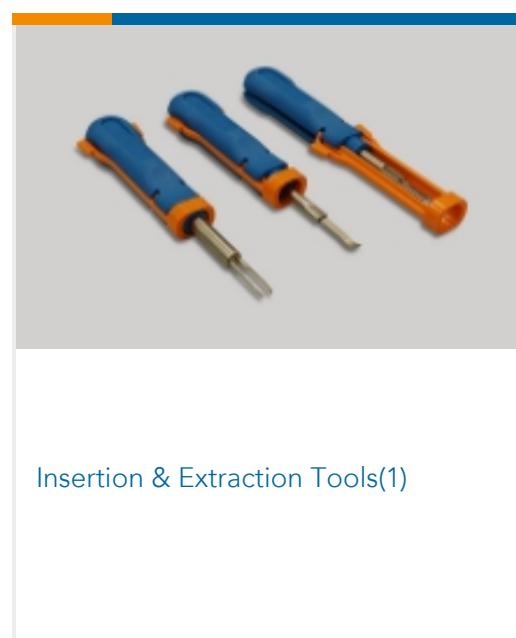
## Also in the Series | Power Triple Lock



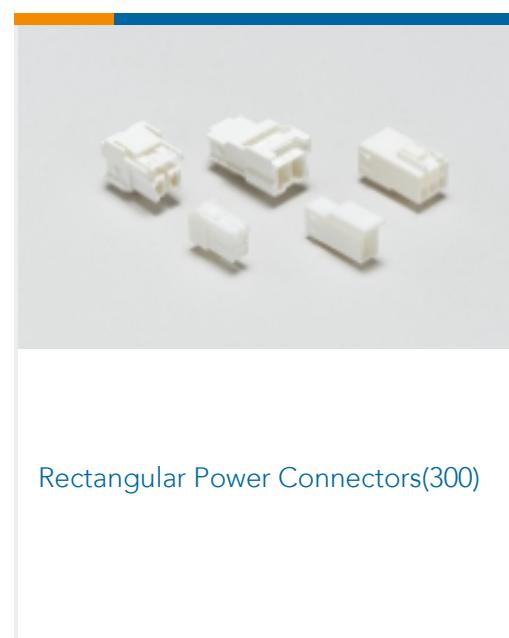
Connector Contacts(30)



Connector Hardware(12)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(300)

## Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



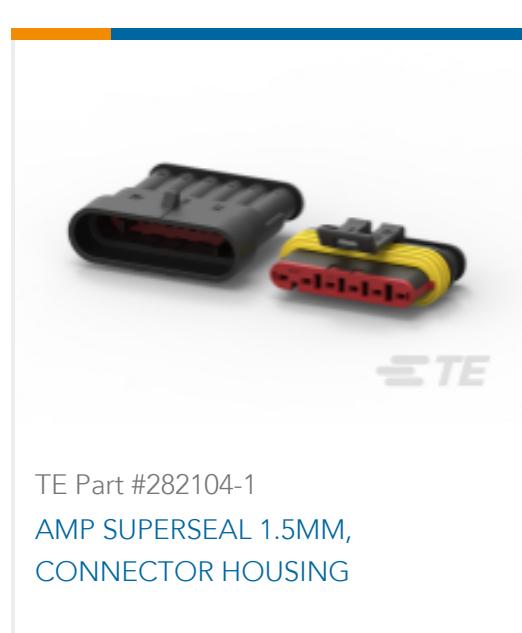
TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #W2S  
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## 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