



**Power Double Lock**

TE Internal #: 179463-2

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,  
2 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-0,  
Power Double Lock

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

Centerline (Pitch): **3.96 mm [.156 in]**

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	300 VAC
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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

Connector Mounting Type	Cable Mount (Free-Hanging)
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#### Housing Features

Centerline (Pitch)	3.96 mm [.156 in]
Housing Color	Red
Housing Material	Nylon 6/6

#### Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL 1977
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

#### Packaging Features

Packaging Quantity	300
Packaging Method	Bag

#### 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

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not applicable 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 # 177898-2  
POWER DBL LOCK PLUG 2P RED




TE Part # CAT-P87024-T111  
Power Double Lock Tab



TE Part # 2005248-2  
PDL 2P CAP 3.96 F/H(GWT) RED


### Also in the Series | Power Double Lock




Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(284)

### Customers Also Bought



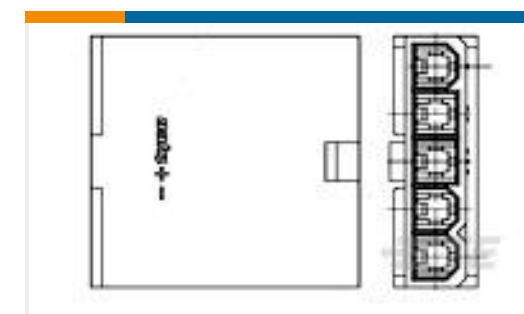
TE Part #1971786-2  
PTL TAB CONTACT, 20 - 22 AWG



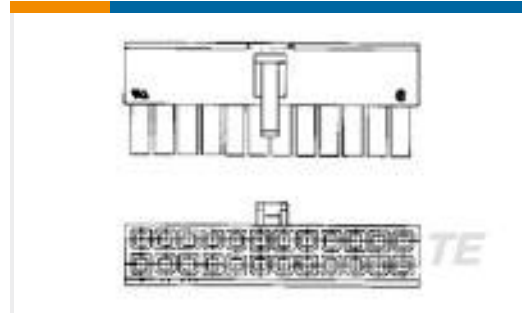
TE Part #917689-1  
2.5 SIGNAL D/LOCK PLUG HSG 5P



TE Part #177916-1  
AMP POWER DBL LOCK TAB (S)



TE Part #2029111-3  
3P PLUG SR VAL-U-LOK FH GW



TE Part #1586765-6  
6P RCPT VAL-U-LOK GW



TE Part #316769-1  
POWER D/LOCK CAP HSG 1P  
NATURA



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



TE Part #8-34145-1  
PG R 22-16 COMM 22-18 MIL 8



TE Part #2-1565088-3  
GRACE INERTIA CONNECTOR 3.5 6P



TE Part #1599107-1  
CLUSTER TERMINAL REC, .090 DIA

## Documents

### Product Drawings

[DBL LOCK CAP F/H 2P RED](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_179463-2\\_U.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_179463-2\\_U.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_179463-2\\_U.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages



[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

[1773458-5\\_POWER\\_DBL\\_LOCK\\_\(PDL\)\\_CONNECTORS](#)

English

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[Product Specifications](#)

[Application Specification](#)

English

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[Instruction Sheets](#)

[Instruction Sheet \(non U.S.\)](#)

English

[AMP POWER DOUBLELOCK CONNECTOR SERIES](#)

English

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[Agency Approvals](#)

[CSA Certificate](#)

English