

179464-1 ✓ ACTIVE



### Power Double Lock

TE Internal #: 179464-1

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

[View on TE.com >](#)

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: **3**

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        | 3 |
| Number of Power Positions  | 0 |
| Number of Signal Positions | 0 |
| Number of Rows             | 1 |

#### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

#### Contact Features



|                                  |         |
|----------------------------------|---------|
| Contact Layout                   | Inline  |
| Contact Retention Within Housing | Without |
| Contact Type                     | Tab     |

#### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

#### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

#### Housing Features

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

#### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -30 – 105 °C [-22 – 221 °F] |
|-----------------------------|-----------------------------|

#### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

#### Industry Standards

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

#### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 200 |
| 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)<br>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 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 # CAT-P87024-P729  
STD Temp Power Double Lock Plug



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




TE Part # 5-177899-1  
POWER DBL LOCK PLUG HSG 3P (GWT)




TE Part # 368572-1  
PDL 3P CAP 3.96 F/H(GWT) NAT


## Also in the Series | Power Double Lock




Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)

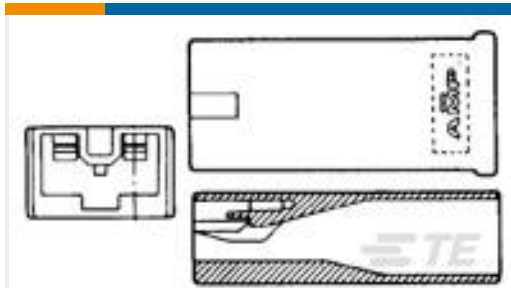
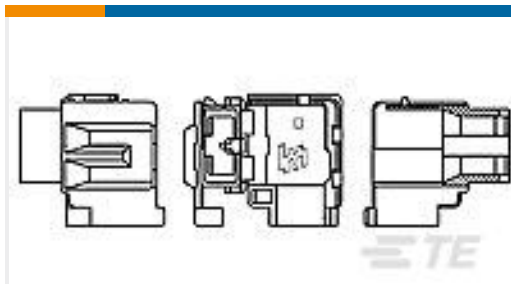


Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

## Customers Also Bought

TE Part #177915-1  
Power Double Lock ReceptacleTE Part #179970-4  
PL EXII 250 REC HSG 1P NYLON  
YELLOWTE Part #1742303-1  
250 FASTON,PCB TAB,TNBRTE Part #2-1376393-3  
5MM POWER KEY 6P PLUG HSG BLUETE Part #1746977-1  
GRACE INERTIA CONNECTOR 6.2  
MM PITCH 2P CTE Part #2013799-1  
250 HSG. PL EX REC. BLACKTE Part #1-927742-6  
6 POS. FASTIN-FASTON\* TAB HSG  
RAST5TE Part #1-172128-1  
FF 250 PLUG HSG 1P NYLON NAT

## Documents

### Product Drawings

**POWER DBL LOCK CAP HSG F/H 3P**

English

### CAD Files

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_179464-1\\_S.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_179464-1\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_179464-1\\_S.3d\\_stp.zip](#)

English

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



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### 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