

179463-1 ✓ ACTIVE



**Power Double Lock**

TE Internal #: 179463-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,  
2 Position, .156 in [3.96 mm] 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**

|                                   |              |
|-----------------------------------|--------------|
| 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 |
|-------------------|---------|

**Contact Features**

|                |        |
|----------------|--------|
| Contact Layout | Inline |
|----------------|--------|



|                                  |         |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
|----------------------------------|---------|

|              |     |
|--------------|-----|
| Contact Type | Tab |
|--------------|-----|

### Termination Features

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

|                 |               |
|-----------------|---------------|
| Wire/Cable Type | Discrete Wire |
|-----------------|---------------|

|           |          |
|-----------|----------|
| Wire Type | Stranded |
|-----------|----------|

### 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

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

|                  |                               |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

|                        |         |
|------------------------|---------|
| Agency/Standard Number | UL 1977 |
|------------------------|---------|

|                 |    |
|-----------------|----|
| Agency/Standard | UL |
|-----------------|----|

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

|                    |     |
|--------------------|-----|
| Packaging Quantity | 300 |
|--------------------|-----|

### Other

|              |  |
|--------------|--|
| For Use With | Contacts: 177916 or 177917, Double Lock Plate 177918-1, Plug: 177898 |
|--------------|--|

### 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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<br>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

|  |  |   |
|--|--|---|
|  <p>TE Part # CAT-P87024-P729<br/>STD Temp Power Double Lock Plug</p> |  <p>TE Part # CAT-P87024-T111<br/>Power Double Lock Tab</p> |  <p>TE Part # 2005248-1<br/>PDL 2P CAP 3.96 F/H(GWT) NAT</p> |
|--|--|---|

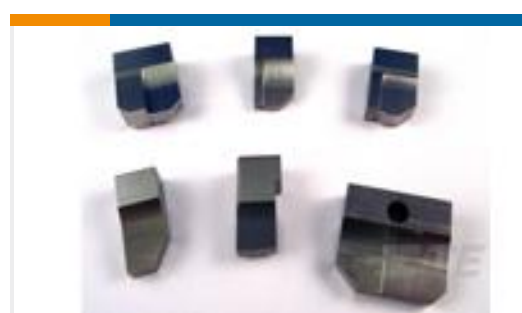
### Also in the Series | Power Double Lock

|  |  |   |  |
|--|--|---|--|
|  <p>Connector Contacts(1)</p> |  <p>Insertion &amp; Extraction Tools(2)</p> |  <p>Power Contacts(23)</p> |  <p>Rectangular Connector Locking(14)</p> |
|--|--|---|--|



Rectangular Power Connectors(280)

## Customers Also Bought

TE Part #179938-1  
AMP POWER DBL LOCK PLUG HSG 3PTE Part #177914-1  
AMP POWER DBL LOCK REC (S)TE Part #177916-1  
AMP POWER DBL LOCK TAB (S)TE Part #316062-1  
POWER DBL LOCK PLATE 3P /6.5MMTE Part #179466-1  
AMP POWER DBL LOCK CAP HSG 6PTE Part #1-1565373-1  
025 28POS CAP ASSY H AUTE Part #3-1376392-5  
5MM POWER KEY 4P PLUG 2ROW YELTE Part #1743401-1  
HALL SENSOR 5P PLUG HSGTE Part #6-752977-6  
ANVILTE Part #2-1743217-1  
GAS VALVE 3P HSG GWT

## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_179463-1\\_U.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_179463-1\\_U.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_179463-1\\_U.3d\\_stp.zip](#)

English

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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**

[Product Specification](#)

English

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**Product Environmental Compliance**

[MD\\_179463-1\\_11222018551\\_dmtec](#)

English

[MD\\_179463-1\\_11222018551\\_dmtec](#)

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**

[UL Report](#)

English

[UL Report](#)

English