



**Power Double Lock**

TE Internal #: 179592-2

Power Contacts, Contact, 50 VAC / 300 VAC, Pre-Tin, 26 – 22 AWG

Wire Size, .14 – .34 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable,

Power Double Lock

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **50 VAC, 300 VAC**

Contact Mating Area Plating Material: **Pre-Tin**

Wire Size: **.14 – .34 mm<sup>2</sup>**

**Features**

**Product Type Features**

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

**Electrical Characteristics**

Operating Voltage	50 VAC, 300 VAC
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**Contact Features**

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	14 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Tab Width	1.5 mm[.06 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.8 μm[31.49 μin]
Wire Contact Termination Area Plating Thickness	.8 μm[31.49 μin]



Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	With

#### Dimensions

Wire Size	.14 – .34 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	1.3 – 2 mm [.051 – .079 in]

#### Usage Conditions

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

Circuit Application	Power
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#### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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#### Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

#### Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Plug Housing

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224)

Candidate List Declared Against: JAN 2022 (223)

SVHC > Threshold:  
Not Yet Reviewed

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 # 917354-1  
AMP POWER D/LOCK PLUG HDR 12P



TE Part # 91567-1  
CCII POWER DBL LOCK S REC TAB 26-22 ASSY



TE Part # 234912-1  
EXT TOOL FOR POWER DBL LOK REC



TE Part # 91567-3  
CCII POWER DBL LOCK S REC TAB 26-22 HEAD

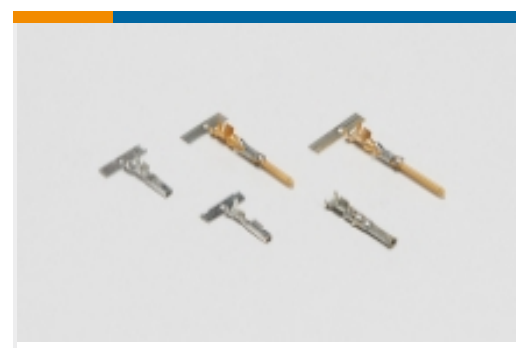
Also in the Series | [Power Double Lock](#)



Connector Contacts(1)



Insertion &amp; Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

## Customers Also Bought

TE Part #177913-1  
STD Temp Power Double Lock CapTE Part #177905-1  
STD Temp Power Double Lock PlugTE Part #177915-2  
AMP POWER DBL LOCK RECTE Part #176275-1  
UNIV POWER PLUG HSG 8P F/HTE Part #176284-1  
AMP UNIVERSAL POWER CAP 4PTE Part #177907-1  
POWER DBL LOCK CAP P/M 3PTE Part #1674335-4  
REC. CONT. REEL,MICRO MOTOR CO

## Documents

### Product Drawings

[POWER D/LOCK REC CONT. H/P L/P](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_179592-2\\_O.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_179592-2\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_179592-2\\_O.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

[Product Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

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### Instruction Sheets

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

Japanese

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### Agency Approvals

[UL Report](#)

English