



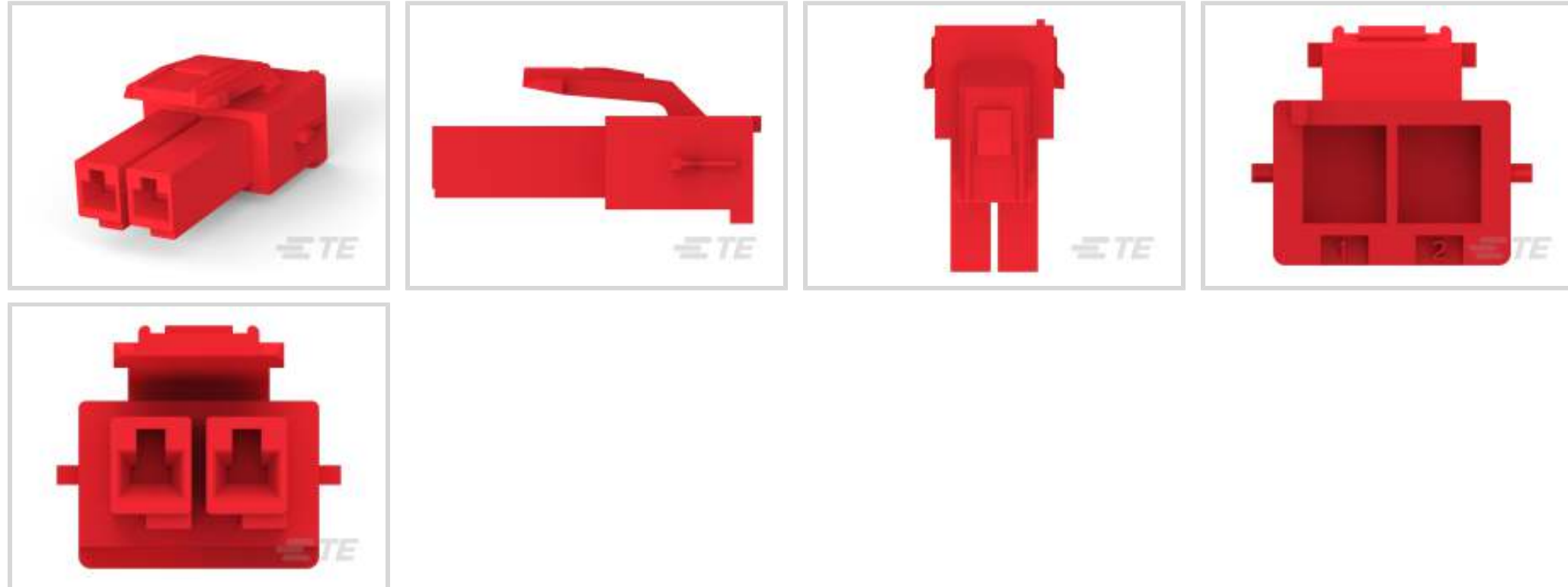
**Power Double Lock**

TE Internal #: 177898-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board / Wire-to-Panel, 2 Position, 3.96 mm [.156 in] Centerline, Power Double Lock

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > STD Temp Power Double Lock Plug



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Panel, Wire-to-Wire**

Number of Positions: **2**

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

[All STD Temp Power Double Lock Plug \(67\)](#)

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	2
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	300 VAC
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**Contact Features**

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Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle

#### 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

Agency/Standard	CNR, USR, VDE
Approved Standards	CSA/C22.2 No. 182.3-M1987, UL 1977
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

#### Packaging Features

Packaging Quantity	500
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 # CAT-P87024-R2435  
Power Double Lock Receptacle




TE Part # 2005247-2  
PDL 2P PLUG 3.96(GWT) RED



TE Part # 179593-1  
AMP POWER D/LOCK RECCONT. L/P



TE Part # 179463-2  
DBL LOCK CAP F/H 2P RED



TE Part # 179592-1  
AMP POWER D/LOCK REC CONT. L/P



TE Part # 179592-2  
POWER D/LOCK REC CONT. H/P L/P




TE Part # 179593-2  
POWER D/LOCK REC CONT. H/P L/P



TE Part # 179838-2  
AMP POWER D/LOCK T/HDR ASSY 2P



TE Part # 177906-2  
POWER DBL LOCK CAP P/M 2P RED



TE Part # 179850-2  
AMP POWER D/LOCK TAB HDR 2P V

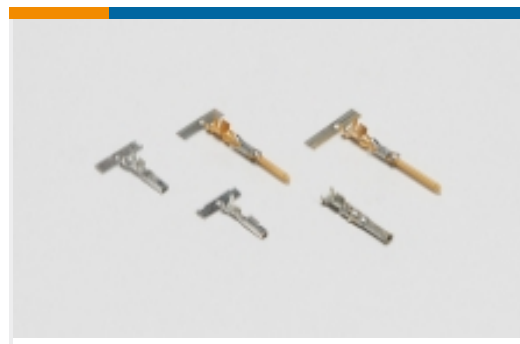
Also in the Series | **Power Double Lock**



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

## Customers Also Bought



TE Part #177908-1  
STD Temp Power Double Lock Cap



TE Part #1-173977-1  
AMP COMMON TERMINATION HOUSINGS



TE Part #179595-1  
AMP POWER D/LOCK TAB CONT. L/P



TE Part #171809-2  
POSITIVE LOCK (PL) HOUSING



TE Part #178125-4  
U/POWER PLUG HSG 2P 7.29MM



TE Part #1648384-1  
708-73-01109=SA CONTACT,SKT



TE Part #177906-2  
POWER DBL LOCK CAP P/M 2P RED

## Documents

### Product Drawings

[POWER DBL LOCK PLUG 2P RED](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_177898-2\\_S.2d\\_dxf.zip](#)



English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_177898-2\\_S.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_177898-2\\_S.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

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_177898-2\\_11012017338\\_dmtec](#)

English

[MD\\_177898-2\\_11012017338\\_dmtec](#)

English

### Instruction Sheets

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

English

[AMP POWER DOUBLELOCK CONNECTOR SERIES](#)

English

### Agency Approvals

[CSA Certificate](#)

English