# 5-177913-1 ✔ ACTIVE

Power Double Lock

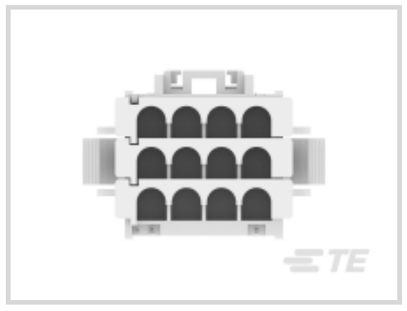
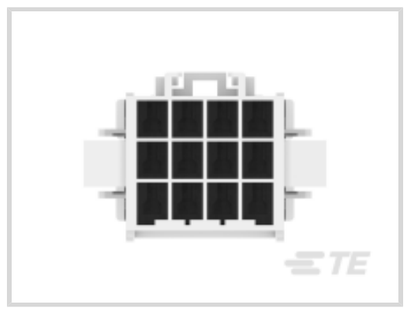
TE Internal #: 5-177913-1

12 Position, Cap, Housing, Crimp, Wire-to-Wire, UL 94V-0, 3.96 mm [.156 in] Centerline, 3 Row, 300 VAC, Wire & Cable, Power, Power Double Lock

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Power Double Lock Cap



Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

All STD Temp Power Double Lock Cap (33)

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Housing |
| Connector & Housing Type | Cap |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 12 |
| Number of Rows | 3 |
| Number of Power Positions | 12 |
| Number of Signal Positions | 0 |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |

### Contact Features

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

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Panel Mount |

### Housing Features

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

### Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 4.6 mm[.181 in] |

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Circuit Application | Power |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 150 |
| 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 2025 (250) |

| | |
|---|---|
| | Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed 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 # 5-177905-1
POWER DBL LOCK PLUG HSG 12P (GWT)



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



TE Part # CAT-P87024-R2435
Power Double Lock Receptacle



TE Part # 177920-1
POWER DBL LOCK PLATE 3.96MM 4POS

## Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(13)



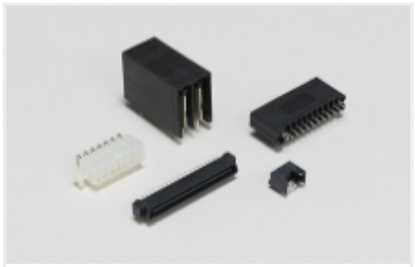
Power Contacts(24)



Rectangular Connector Housings(232)



Rectangular Power Connectors(275)



Standard Rectangular Connectors(232)



Wire-to-Board Connector Assemblies & Housings(33)

## Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



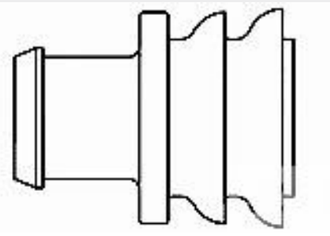
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

## Documents

### Product Drawings

POWER DBL LOCK CAP HSG P/M 12P

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-177913-1_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-177913-1_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-177913-1_AC.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (non U.S.)

English

### AMP POWER DOUBLELOCK CONNECTOR SERIES

English

## Agency Approvals

### CSA Certificate

English