# 5-316501-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 5-316501-1

4 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 3.96 mm [.156 in] Centerline, 1 Row, 300 VAC, Wire & Cable, Power, Power Double Lock

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Glow Wire Power Double Lock Plug







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

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

Contact Retention Within Housing: **Without**

All Glow Wire Power Double Lock Plug (54)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 4 |
| Number of Rows | 1 |
| Number of Power Positions | 4 |
| 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 | Receptacle |

### 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 Material | Nylon 6/6 |

### 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 | GWT 750°C (Without Flame) |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 250 |
| 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)<br>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 # 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

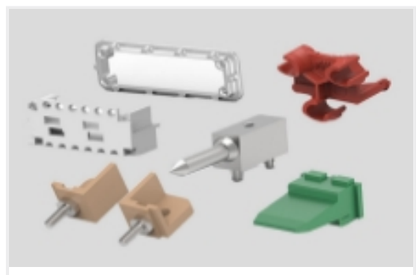


TE Part # 316502-1
POWER D/LOCK CAP HSG 4P NATU.

## Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(13)



Power Contacts(24)



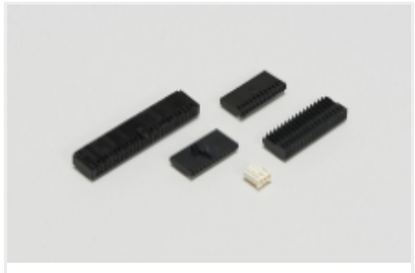
Rectangular Connector Housings(232)



Rectangular Power Connectors(275)



Standard Rectangular Connectors(232)



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

## Customers Also Bought



TE Part #177902-1
AMP POWER DBL LOCK PLUG HSG 8P



TE Part #5-1241965-4
STD TIMER PLUG HSG 4P W/EXT. LOCKING



TE Part #1-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2238135-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #1-2323743-0
HOUSING, PLUG, GWT, 10P, DUAL ROW, EP2.5



TE Part #2382224-1
EP 2.5 RCPT CONTACT, 26-22 AWG, Low IF



TE Part #8-1241961-7
STD TIMER PLUG HSG 3P MK2



TE Part #2-1969592-0
HSG,REC,FREE-HANGING,DUALROW, EP2.5

TE Part #2475668-1
PDL10P PLUG HOUSING 3.96MM,DBL ROW (GWT)

## Documents

### Product Drawings

POWER D/LOCK PLUG HG 4P NAT(GWT)

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-316501-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-316501-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-316501-1_F.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