



Power Double Lock

TE Internal #: 316501-1
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 4 Position, .156 in [3.96 mm] Centerline, Wire & Cable, UL 94V-0, 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-Wire**
Number of Positions: **4**
Centerline (Pitch): **3.96 mm [.156 in]**

[All STD Temp Power Double Lock Plug \(68\)](#)

Features

Product Type Features

Rectangular Power Connector 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 Power Positions	4
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle

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)
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Housing Features

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

Dimensions

Height	20.6 mm
Width	17.9 mm
Length	20.6 mm

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

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
VDE Tested	Yes
Agency/Standard	CSA

Packaging Features

Packaging Method	Bag
Packaging Quantity	250



Other

For Use With	Cap: 316502, Contacts: 177914 or 177915, Double Lock Plate 177920-1
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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 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-R2435 Power Double Lock Receptacle	 TE Part # 179593-1 AMP POWER D/LOCK RECCONT. L/P	 TE Part # 179592-2 POWER D/LOCK REC CONT. H/P L/P	 TE Part # CAT-P87024-C1701 STD Temp Power Double Lock Cap
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TE Part # 5-316502-1
POWER D/LOCK CAP HSG 4P NAT (GWT)

TE Part # 2005251-1
PDL 4P PLUG 3.96 S/R(GWT) NAT

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

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

TE Part # 1-2232901-1
PDL REC TERMINAL16-20 AWG w/lube

TE Part # 1-2232902-1
PDL REC TERMINAL 22-26 AWG w /lube

TE Part # 2232901-2
PDL REC TERMINAL

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
POWER DBL LOCK CAP HSG P/M 4P

TE Part #5-1971772-3
PTL 1X3 CAP PANEL MT HITEMP KEY A LGR

TE Part #177898-1
STD Temp Power Double Lock Plug

TE Part #3-2176058-0
RLP73K 3A R16 5% 2K RL



TE Part #177907-1
POWER DBL LOCK CAP P/M 3P



TE Part #177906-1
POWER DBL LOCK CAP HSG P/M 2P



TE Part #179466-1
AMP POWER DBL LOCK CAP HSG 6P



TE Part #1-1971817-6
6P, RAST 2.5 Tab Header, Ex-Locking, THV

Documents

Product Drawings

POWER D/LOCK PLUG HG 4P NATU.

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_316501-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_316501-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_316501-1_C.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316501-1_F.2d_dxf.zip

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Customer View Model

ENG_CVM_CVM_316501-1_F.3d_igs.zip

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Customer View Model

ENG_CVM_CVM_316501-1_F.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Product Specification

English



Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals

UL Report

English