



Power Double Lock

TE Internal #: 179939-1
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 4
Position, .255 in [6.5 mm] Centerline, Wire & Cable, UL 94V-0,
Power Double Lock

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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): **6.5 mm [.255 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	0
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)	6.5 mm[.255 in]
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Height	27.3 mm
Width	20.6 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	100



Other

For Use With	Contacts: 177914 or 177915, Double Lock Plate 316063-1, Header: 179847
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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

 <div>TE Part # CAT-P87024-R2435 Power Double Lock Receptacle</div>	 <div>TE Part # 316063-1 POWER DBL LOCK PLATE 4P /6.5MM</div>	 <div>TE Part # 179593-1 AMP POWER D/LOCK RECCONT. L/P</div>	 <div>TE Part # 179592-2 POWER D/LOCK REC CONT. H/P L/P</div>
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TE Part # 179847-1
POWER DBL LOCK TAB V ASSY 4P

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 # 1-179847-1
PDL 4P HDR 6.5 SR V/T ASSY NAT

TE Part # 179858-1
POWER DBL LOCK TAB V HSG 4P

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 #179938-1
AMP POWER DBL LOCK PLUG HSG 3P

TE Part #177915-2
AMP POWER DBL LOCK REC

TE Part #917705-1
2.5 SIGNAL DBL LOCK D.L.P. 9P

TE Part #316061-1
Power Double Lock TPA



TE Part #176498-1
POSITIVE LOCK 187 (4.8 MM)
HOUSING

TE Part #316769-1
POWER D/LOCK CAP HSG 1P
NATURA

TE Part #170329-1
250 PL MKII REC. 15-10AWG PTBR

TE Part #173974-2
PL 187 (4.8 MM) HOUSING
RECEPTACLE

TE Part #179720-1
187 HSG. PL MKII REC. 10mm 2P NAT

Documents

Product Drawings

POWER D/LOCK PLUG HSG 4P /6.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179939-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179939-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179939-1_C.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

Product Specification

English

AMP POWER DOUBLE LOCK CONNECTOR, 6.5mm PITCH, SMT HEADER

Japanese



Product Specification

Japanese

Product Environmental Compliance

MD_179939-1_06062018820_dmtec

English

MD_179939-1_06062018820_dmtec

English

Agency Approvals

UL Report

English