

Power Double Lock

TE Internal #: 179466-1

Housing, Receptacle, Crimp, Wire-to-Wire, UL 94V-0, 6 Position, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	0
Number of Power Positions	0
Number of Positions	6
Number of Rows	2

Electrical Characteristics

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

Body Features



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

Contact Features

Contact Layout	Matrix
Contact Type	Tab
Contact Retention Within Housing	Without

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

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

Dimensions

Row-to-Row Spacing	4.6 mm[.181 in]
Connector Width	13.9 mm
Connector Height	13.2 mm
Connector Length	26.1 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL 1977
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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-T111
Power Double Lock Tab



TE Part # 2005253-1
PDL 6P CAP 3.96 D/R F/H(GWT) N

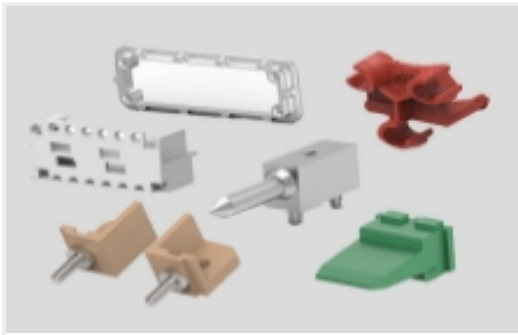


TE Part # 177901-1
POWER DBL LOCK PLUG HSG 6P

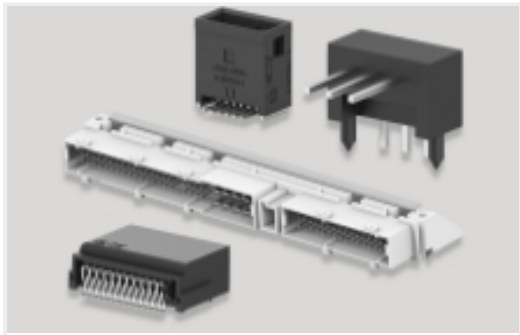
Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(14)



PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Connector Housings(240)



Rectangular Power Connectors(283)



Standard Rectangular Connectors(240)

Customers Also Bought



TE Part #177919-1
POWER DBL LOCK PLATE 3P



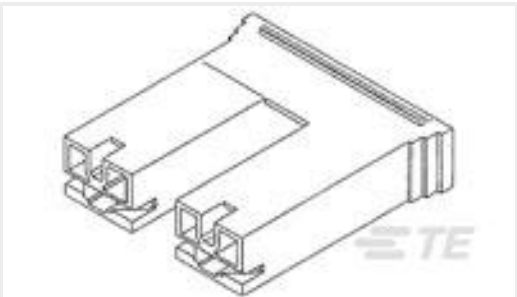
TE Part #1376397-1
5MM POWER KEY D/L PLATE GREEN



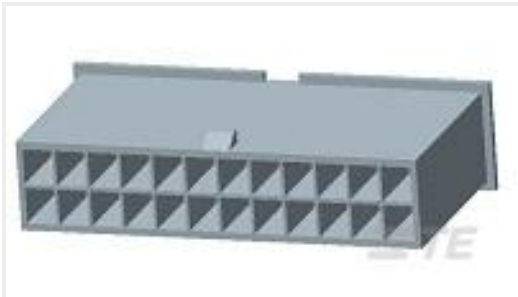
TE Part #63127-1
250 FASTON REC 22-18 AWG BR



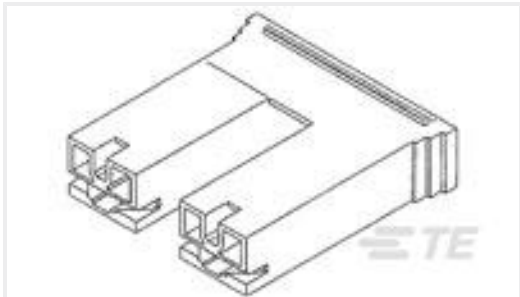
TE Part #647662-1
EP CONN CONT LUBRICANT SPCL



TE Part #1-520935-2
PL 250 HOUSING REC RED 6/6 NYLON V2



TE Part #2296206-8
8P FH PLUG VAL-U-LOK FH GWT/V0



TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P NAT



TE Part #3-647449-1
SL156 RCPT,SPCL LUBE, LF NAT



TE Part #5-177901-1
POWER DBL LOCK PLUG HSG 6P (GWT)



TE Part #521225-2
ULTRA-POD 187 ASSY REC 20-16 AWG TPBR

Documents



Product Drawings

AMP POWER DBL LOCK CAP HSG 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179466-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179466-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179466-1_R.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

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals

CSA Certificate

English