



Power Double Lock

TE Internal #: 179463-1
Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,
2 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-0,
Power Double Lock

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Wire**
Number of Positions: **2**
Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

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

Contact Features



Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Tab

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 Color	Natural
Housing Material	Nylon 6/6

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

Packaging Features

Packaging Quantity	300
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 2024 (240) Candidate List Declared Against: JAN 2024 (240)



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-P729
STD Temp Power Double Lock Plug



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



TE Part # 2005248-1
PDL 2P CAP 3.96 F/H(GWT) NAT

Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(283)

Customers Also Bought



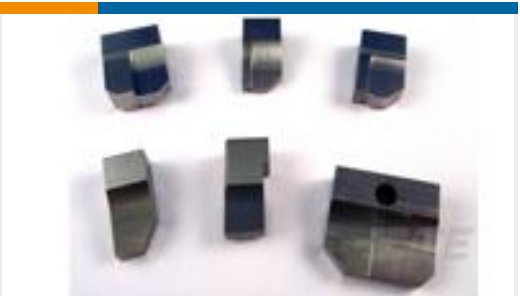
TE Part # 917691-1
2.5 SIGNAL D/LOCK PLUG HSG 7P



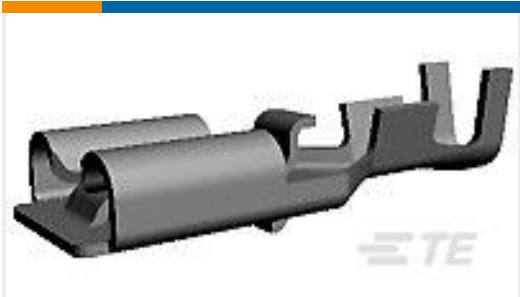
TE Part # 179466-1
AMP POWER DBL LOCK CAP HSG 6P



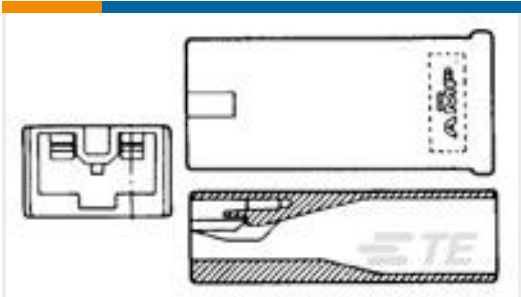
TE Part # 928344-2
STD-TIMER GEH 2P



TE Part # 1333225-1
ANVIL, COMBINATION SPECIAL



TE Part # 179973-6
PL EX 250 REC 22-18 PTPCOPPER-ALLOY



TE Part # 179970-2
PL EXII 250 REC HSG 1P NYLON RED



TE Part # 3-1633917-4
ANVIL, COMBINATION



TE Part # 9-1729698-3
CRIMPER, WIRE



TE Part # 915029-2
WIRE CRIMPER(MINI APPL)



TE Part # 1729332-3
SPRING, DEPRESSOR WIRE (D0.8 HD-C APPL)

Documents

Product Drawings

POWER DBL LOCK CAP HSG F/H 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179463-1_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179463-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179463-1_U.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