177906-2 - ACTIVE

Power Double Lock

TE Internal #: 177906-2 Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire /Wire-to-Panel / Wire-to-Board, 2 Position, 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-Board, Wire-to-Panel, 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-Board, Wire-to-Panel, 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	

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Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel / Wire-to-Board, 2 Position, Power Double Lock



Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Tab
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Red
Housing Material	Nylon 6/6
Dimensions	
Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Usage Conditions	
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power & Signal
Industry Standards	
Agency/Standard	UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Quantity	200
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

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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

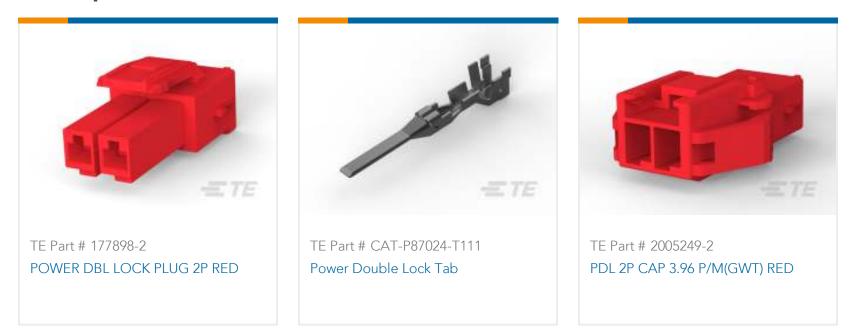
Solder Process Capability

Not applicable for solder process capability

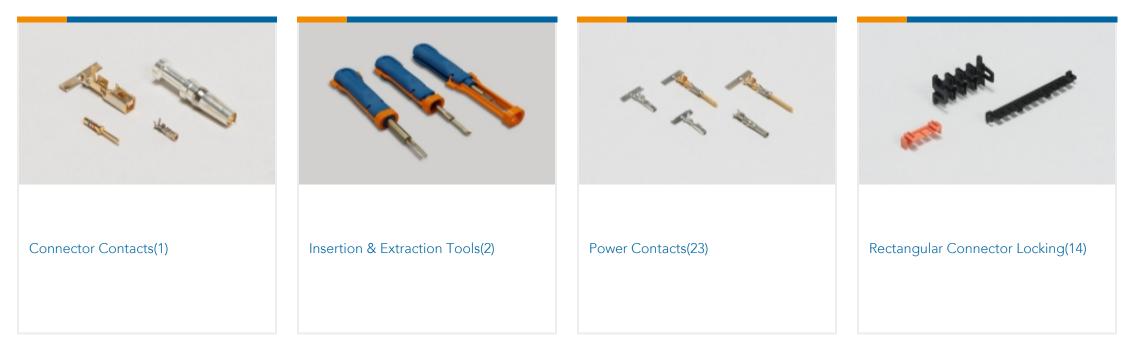
Product Compliance Disclaimer

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

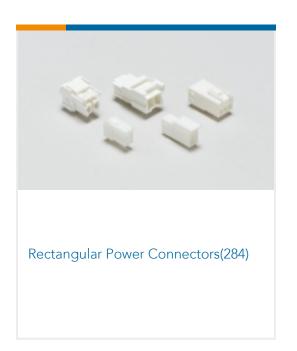


Also in the Series | Power Double Lock



Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel / Wire-to-Board, 2 Position, Power Double Lock





Customers Also Bought





TE Part #177907-1



TE Part #177906-1

Documents

Product Drawings POWER DBL LOCK CAP P/M 2P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177906-2_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177906-2_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177906-2_V.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals CSA Certificate

English