

Power Double Lock TE Internal #: 5-177909-1 Rectangular Power Connectors, Housing, Cap, Wire-to-Wire, 6 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-0, Power Double Lock

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > Glow Wire Power Double Lock Cap



Rectangular Power Connector Type: Housing

Connector & Housing Type: Cap

Connector System: Wire-to-Wire

Number of Positions: 6

Centerline (Pitch): 3.96 mm [.156 in]

All Glow Wire Power Double Lock Cap (35)

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Сар
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	6
Number of Power Positions	6
Number of Signal Positions	0
Number of Rows	2
Electrical Characteristics	
Operating Voltage	300 VAC

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Contact Features

Contact Retention Within Housing	Without
Contact Type	Tab
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Nylon 6/6
Dimensions	
Row-to-Row Spacing	4.6 mm[.181 in]
Usage Conditions	
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)
Packaging Features	
Packaging Method	Bag
Packaging Quantity	100
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: JUNE 2022 (224)

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Does not contain REACH SVHC

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Halogen Content

Not reviewed 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



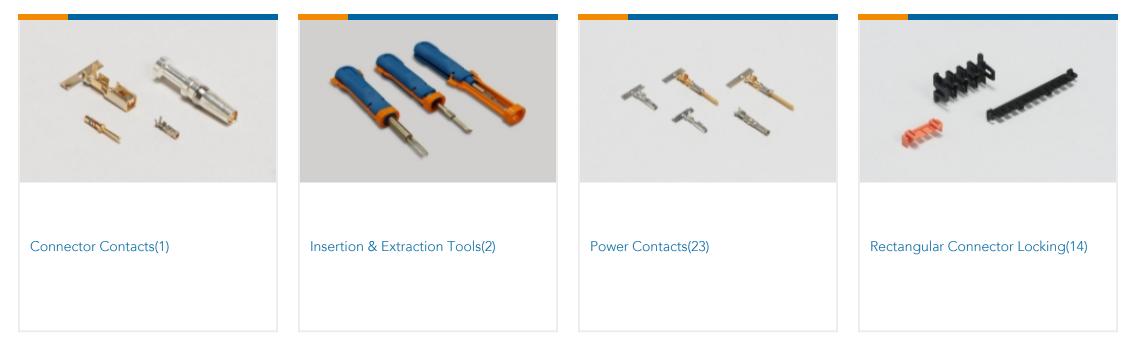
POWER DBL LOCK PLUG HSG 6P

Power Double Lock Receptacle

Power Double Lock Tab

POWER DBL LOCK PLATE 3P

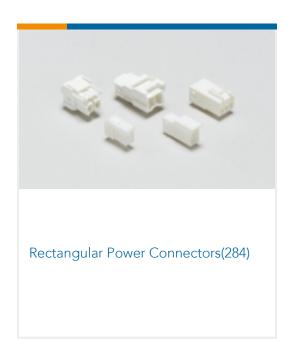
Also in the Series | Power Double Lock



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Documents

Product Drawings POWER DBL LOCK CAP HSG P/M 6P(GWT)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-177909-1_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-177909-1_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-177909-1_T.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals CSA Certificate

English