



Power Double Lock

TE Internal #: 368576-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Board / Wire-to-Wire, 6 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, Power Double Lock

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



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **6**

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

[All Glow Wire Power Double Lock Plug \(55\)](#)

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Multiple Contact Types	Without
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Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Centerline (Pitch)	3.96 mm [.156 in]
Housing Color	Red
Housing Material	PA 66

Dimensions

Row-to-Row Spacing	4.6 mm [.181 in]
Width	10.6 mm
Height	20.6 mm [.811 in]
Length	13.9 mm

Usage Conditions

Operating Temperature Range	-30 – 65 °C [-22 – 149 °F]
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Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Method	Bag
Packaging Quantity	200

Other

For Use With	Cap (GWT): 368588 or 2005253, Contacts: 177914 or 177915, Double Lock Plate
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177919-1, Header: 179841

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 2020 (205) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

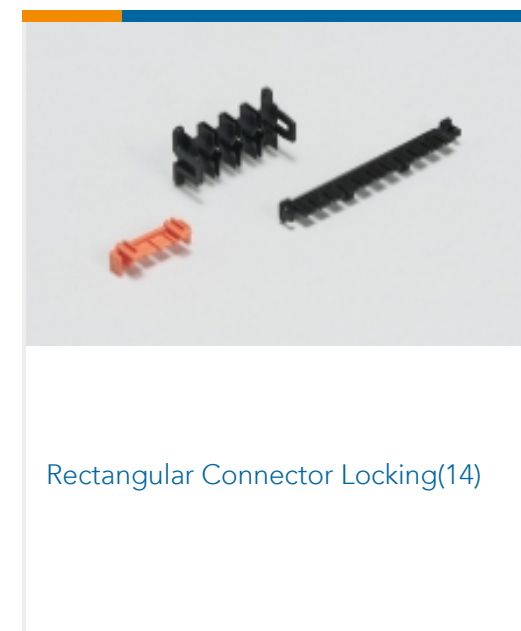
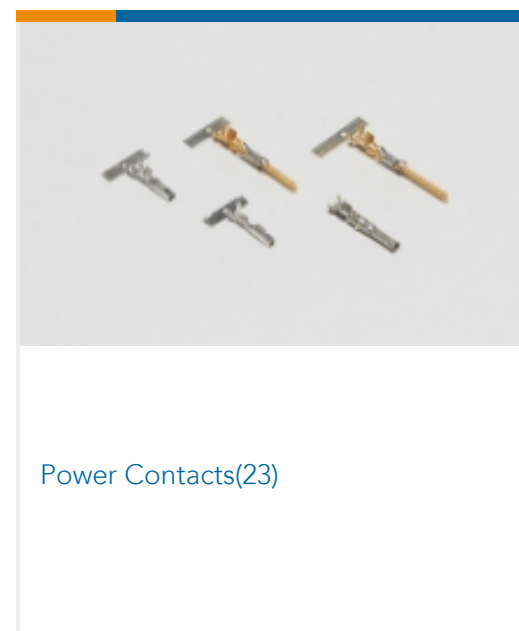
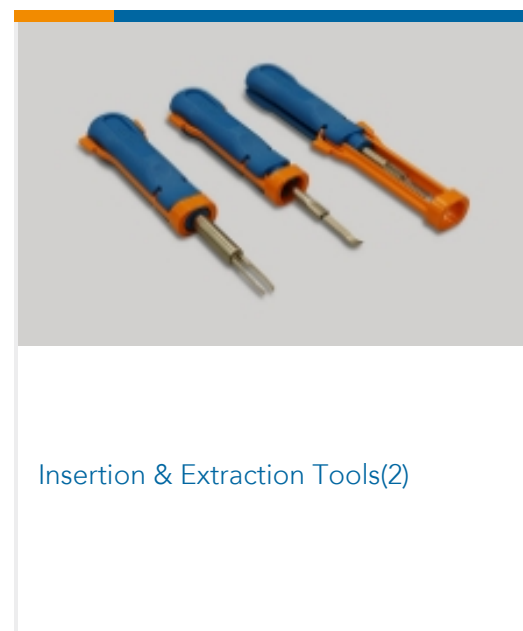
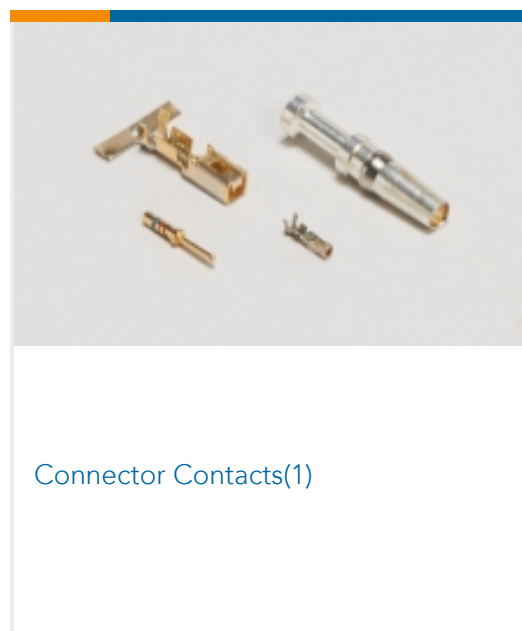
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # CAT-P87024-R2435 Power Double Lock Receptacle</p>	 <p>TE Part # 177919-1 POWER DBL LOCK PLATE 3P</p>	 <p>TE Part # 179841-2 AMP POWER D/LOCK T/HDR ASSY 6P</p>	 <p>TE Part # 2005253-1 PDL 6P CAP 3.96 D/R F/H(GWT) N</p>
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Also in the Series | Power Double Lock



Documents

Product Drawings

[PDL 6P PLUG 3.96 D/R\(GWT\) RED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_368576-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_368576-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_368576-2_D.3d_stp.zip](#)

English



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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English