



Power Double Lock

TE Internal #: 2005252-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 Position, 6.5 mm [.255 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 Plug



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **6.5 mm [.255 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-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

Contact Layout	Matrix
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Contact Retention Within Housing	Without
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Contact Type	Receptacle
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Termination Features

Termination Method to Wire & Cable	Crimp
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Wire/Cable Type	Discrete Wire
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Wire Type	Stranded
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Mechanical Attachment

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

Centerline (Pitch)	6.5 mm [.255 in]
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Housing Color	Natural
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Housing Material	PA 66
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Dimensions

Row-to-Row Spacing	6.5 mm [.256 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Glow Wire Rating	GWT 750°C (Without Flame)
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Agency/Standard Number	C22.2 No. 182.3, UL 1977
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Agency/Standard	CNR, USR
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Packaging Features

Packaging Method	Bag
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Other

For Use With	Contacts: 177914 or 177915, Double Lock Plate 316062-1, Header: 179839
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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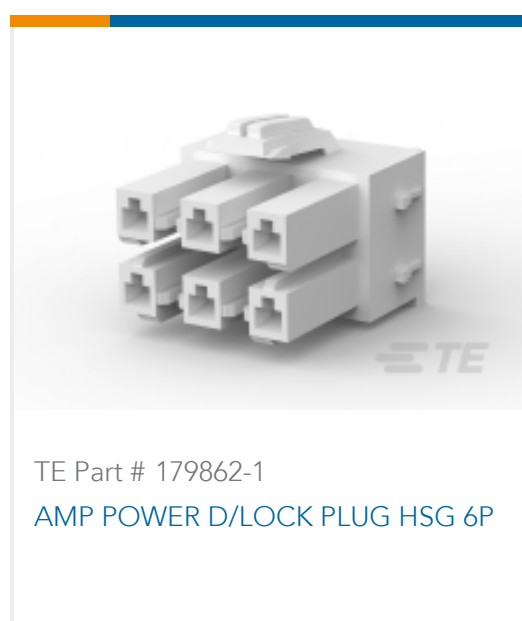


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

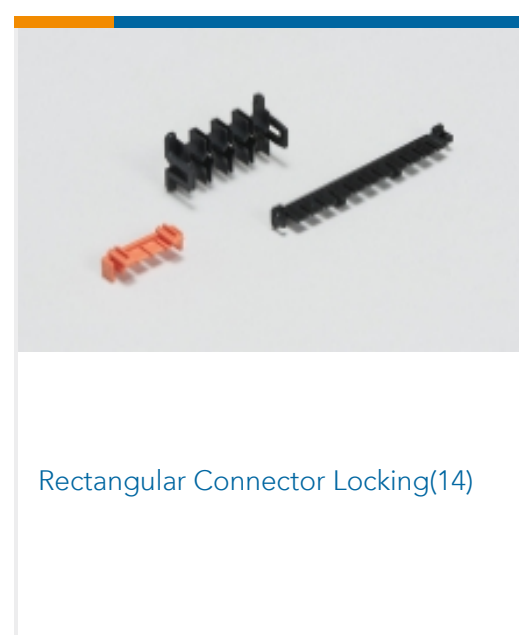
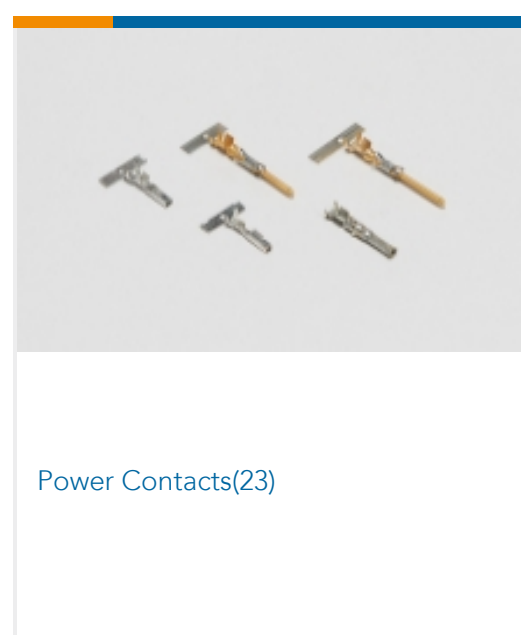
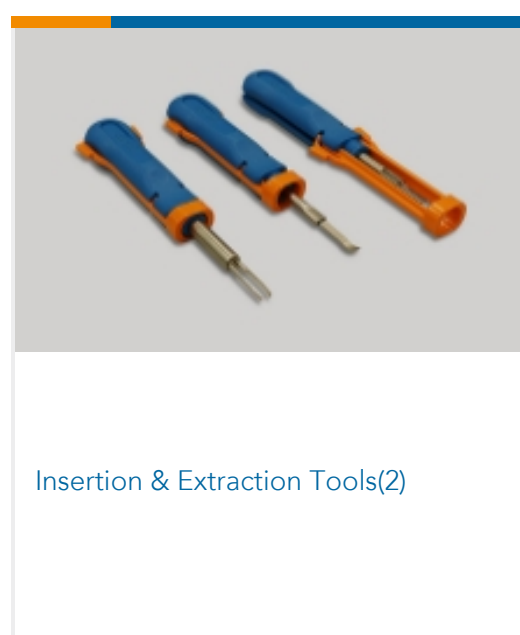
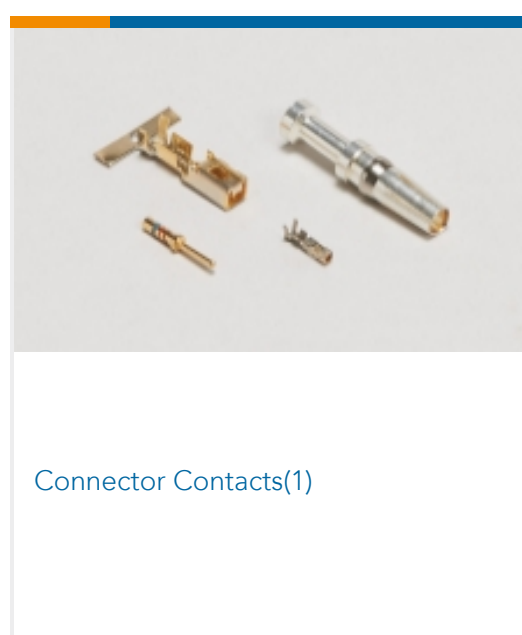
Product Compliance Disclaimer

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



Also in the Series | Power Double Lock





Documents

Product Drawings

[PDL 6P PLUG 6.5 D/R\(GWT\) NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2005252-1_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2005252-1_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2005252-1_B1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English