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

| Compatible With Discrete Wire Type | Stranded | | |
|------------------------------------|--------------|--|--|
| 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 | | |



| Contact Layout | Matrix | | | |
|------------------------------------|------------------------------------|--|--|--|
| Contact Retention Within Housing | Without | | | |
| Contact Type | Receptacle | | | |
| Termination Features | | | | |
| Termination Method to Wire & Cable | Crimp | | | |
| Mechanical Attachment | | | | |
| Connector Mounting Type | Cable Mount (Free-Hanging) | | | |
| Housing Features | | | | |
| Centerline (Pitch) | 6.5 mm[.255 in] | | | |
| Housing Color | Natural | | | |
| Housing Material | PA 66 | | | |
| Dimensions | | | | |
| Row-to-Row Spacing | 6.5 mm[.256 in] | | | |
| Usage Conditions | | | | |
| Operating Temperature Range | -30 - 105 °C[-22 - 221 °F] | | | |
| Operation/Application | | | | |
| Circuit Application | Power & Signal | | | |
| Industry Standards | | | | |
| Agency/Standard | CNR, USR | | | |
| Approved Standards | CSA/C22.2 No. 182.3-M1987, UL 1977 | | | |
| UL Flammability Rating | UL 94V-0 | | | |
| Glow Wire Rating | GWT 750°C (Without Flame) | | | |
| Packaging Features | | | | |
| 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: JUNE 2023 (235) |



| Candidate List Declared Against: JUNE |
|---------------------------------------|
| 2023 (235) |
| D |

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

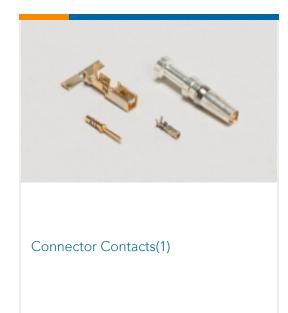
Product Compliance Disclaimer

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

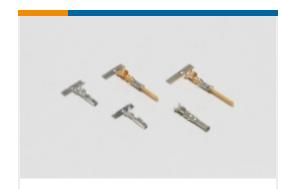


Also in the Series | Power Double Lock





Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)





Customers Also Bought





















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

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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