Power Double Lock

TE Internal #: 2005253-1

Rectangular Power Connectors, Housing, Receptacle, 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











Rectangular Power Connector Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Wire

Number of Positions: 6

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-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Configuration Features Number of Positions	6
	6
Number of Positions	
Number of Positions Number of Power Positions	6

300 VAC

Contact Features

Operating Voltage



Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Tab
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	PA 66
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 & 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 Quantity	150
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: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

Product Compliance Disclaimer

Solder Process Capability

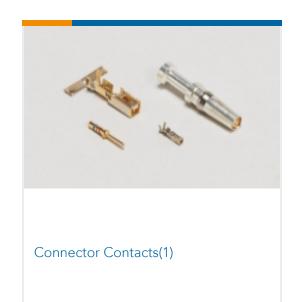
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



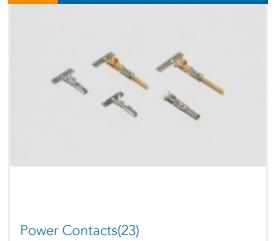


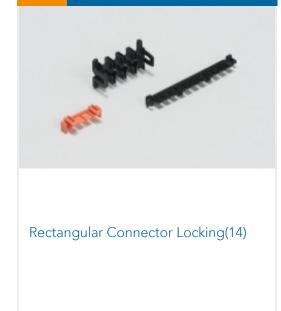
Also in the Series | Power Double Lock





Insertion & Extraction Tools(2)





Not applicable for solder process capability

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Customers Also Bought



TE Part #368576-1
PDL 6P PLUG 3.96 D/R(GWT) NAT



TE Part #2232724-1
PTL GROUND TAB CONTACT, 16-19
AWG, 2X22



TE Part #1-2133346-4 250 FASTON HSG.,REC.,1 POS,BLACK



TE Part #1-881623-1 FASTON 187 REC 0.5-1.0MM2 0.32X13. 97 BR



TE Part #2-2133346-0 250 FASTON HSG.,REC.,1 POS,BLACK



TE Part #2-2133394-1 187 FASTON HSG.,REC.,1 POS, NATRUAL



TE Part #5-2232353-3
PTL MFBL 1X3 CAP PANEL MT GLW
WIRE NAT



TE Part #626279-2 RING TONGUE 0.5-1.50 MM2 TPBR



Documents

Product Drawings

PDL 6P CAP 3.96 D/R F/H(GWT) N

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2005253-1_B.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_2005253-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005253-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English