

Power Double Lock

TE Internal #: 2005249-9

Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 2 Position, 3.96 mm [.156 in] Centerline, Power Double Lock, Rectangular Power

Connectors

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Rectangular Power Connector Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Panel, Wire-to-Wire

Number of Positions: 2

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

Features

Product Type Features

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Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1
Electrical Characteristics	

50 VAC, 300 VAC

Operating Voltage



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Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Tab
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Black
Housing Material	PA 66
Dimensions	
Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Connector Height	9.94 mm
Product Length	26.1 mm
Usage Conditions	
Operating Temperature Range	-30 - 65 °C[-22 - 149 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Compatible With Agency/Standards Products	CNR, USR
Compatible With Approved Standards Products	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	200
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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





Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



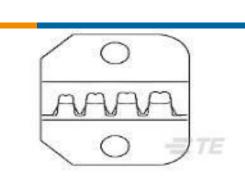
Rectangular Power Connectors (283)

Customers Also Bought





TE Part #326886 TERMINAL,PIDG R 12-10 6



TE Part #58545-1 SOLISTRAND 10-22 DIE ASSY



TE Part #36932 BODY SOLIS RING 4/0 3/8

TERMINAL, SOLIS R 2 5/16



TE Part #2-1761608-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part #1734366-1 Std USB Type A, VT, T/H



TE Part #33458
TERMINAL, SOLIS R 12-10 1/4







Documents

Product Drawings
PDL 2P CAP 3.96 P/M(GWT) BLK

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_2005249-9_B.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_2005249-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005249-9_B.3d_stp.zip

English

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Product Specifications

Application Specification

English