



Power Double Lock

TE Internal #: 5-1903720-1

Housing, Cap, Crimp, Wire-to-Wire, UL 94V-0, 12 Position, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Connector & Housing Type: **Cap**  
Termination Method to Wire & Cable: **Crimp**  
Connector System: **Wire-to-Wire**  
UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	12
Number of Signal Positions	0
Number of Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Type	Tab
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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

Housing Material	Nylon 6/6
Centerline (Pitch)	3.96 mm[.156 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	150

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 reviewed 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

TE Part # 5-177905-1  
POWER DBL LOCK PLUG HSG 12P (GWT)

TE Part # CAT-P87024-T111  
Power Double Lock Tab

TE Part # 177920-1  
POWER DBL LOCK PLATE 3.96MM 4POS

Also in the Series | Power Double Lock

Connector Contacts(24)

Connector Hardware(14)

PCB Headers & Receptacles(43)

Power Contacts(24)

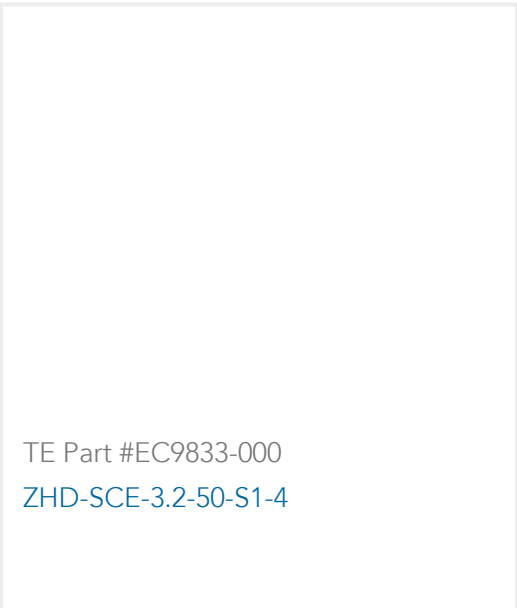
Rectangular Connector Housings(240)

Rectangular Power Connectors(283)


Standard Rectangular Connectors(240)

Customers Also Bought






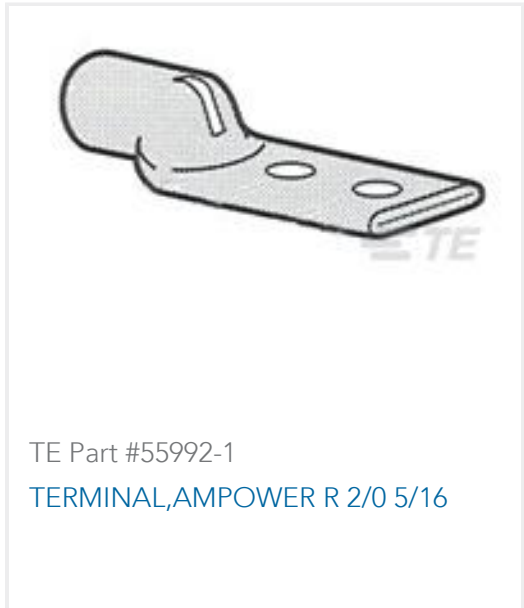
TE Part #EC9833-000  
ZHD-SCE-3.2-50-S1-4




TE Part #1614770-4  
BDS 2 A 250 10R 10%




TE Part #1-1415543-5  
RTE44110




TE Part #55992-1  
TERMINAL,AMPOWER R 2/0 5/16




TE Part #ASA158F12390235000  
623 PLUG




TE Part #ZPF000000000205373  
PLUG MALE ANG.90 CAL.20 - FXP




TE Part #ZPF000000000136485  
RECEPTACLE MALE FOR 12 PINS,  
CAL1,6



TE Part #YZ-KC-212751A-PY00  
TOOL DISMOUNTING - FXP2



TE Part #ZPF000000000205378  
CONTACT MALE ANG.90, CAL20,  
120MM2 - FXP



TE Part #ZPF000000000205388  
CONTACT FEMALE CAL.20, M12 - FXP

Documents

Product Drawings  
PDL 3.96MM PITCH CAP HSG 12P NAT(GWT)  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_5-1903720-1\_F.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_5-1903720-1\_F.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_5-1903720-1\_F.3d\_stp.zip  
English

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Product Specifications



Application Specification

English