

### Power Double Lock

TE Internal #: 1971600-1

Housing, Receptacle, Wire-to-Wire, 8 Position, 3.96 mm [.156 in]

Centerline, Wire & Cable, UL 94V-0, Power Double Lock,

Rectangular Power Connectors

View on TE.com >

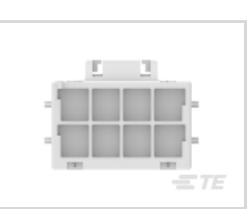


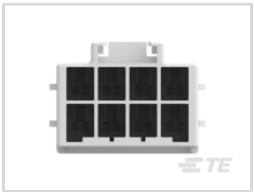
Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors











Rectangular Power Connector Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Wire

Number of Positions: 8

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

Contact Retention Within Housing

### **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		
Number of Positions	8	
Number of Rows	2	
Electrical Characteristics		
Operating Voltage	300 VAC	
Contact Features		
Contact Layout	Matrix	

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	
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	100
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	
Not Law Halagan contains Brar (1 > 000	

Halogen Content	Not Low Halogen - contains Br or Cl > 900
	ppm.

Solder Process Capability

Not applicable for solder process capability

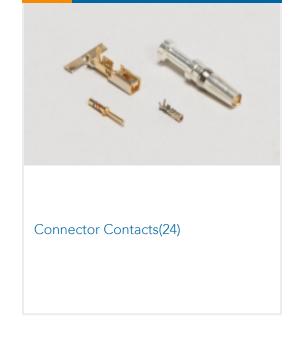
#### Product Compliance Disclaimer

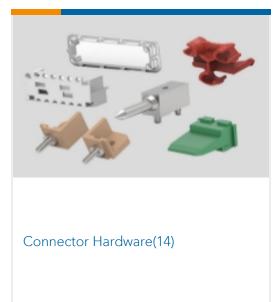
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

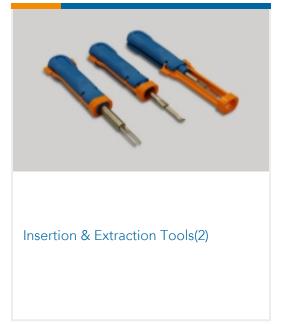
## Compatible Parts



## Also in the Series | Power Double Lock









# Customers Also Bought







TE Part #1971786-1
PTL TAB CONTACT, 20 - 24 AWG



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











### **Documents**

### **Product Drawings**

POWER DBL LOCK CAP HSG 8P(GWT)

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1971600-1\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1971600-1\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1971600-1\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

### **Product Specifications**

**Application Specification** 

English

### **Instruction Sheets**

Instruction Sheet (non U.S.)

English

### AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Housing, Receptacle, Wire-to-Wire, 8 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-0, Power Double Lock, Rectangular Power Connectors



Agency Approvals

Agency Approval Document

English