# 1983660-1 ✓ ACTIVE

#### Power Double Lock

TE Internal #: 1983660-1

Housing, Plug, Wire-to-Wire, 2 Position, 6.6 mm [.26 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 > Glow Wire Power Double Lock Plug











Rectangular Power Connector Type: Housing

Connector & Housing Type: Plug
Connector System: Wire-to-Wire

Number of Positions: 2

Centerline (Pitch): 6.6 mm [ .26 in ]

All Glow Wire Power Double Lock Plug (55)

### **Features**

### **Product Type Features**

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	2
Number of Power Positions	2
Number of Signal Positions	0
Number of Rows	2
Electrical Characteristics	

300 VAC

Operating Voltage



#### **Contact Features**

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Retention Within Housing	Without
Contact Type	Receptacle
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]

#### **Termination Features**

Termination Method to Wire & Cable	Crimp	

#### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

### **Housing Features**

Centerline (Pitch)	6.6 mm[.26 in]
Housing Color	Natural
Housing Material	Thermoplastic

#### **Dimensions**

### **Usage Conditions**

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

### Operation/Application

Circuit Application	Power	

### **Industry Standards**

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

### **Packaging Features**

Packaging Quantity	2000
Packaging Method	Box

## **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**

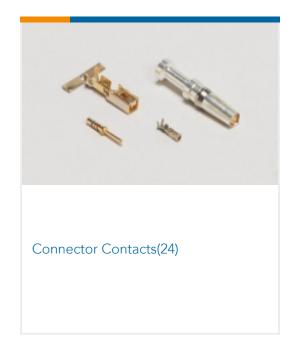




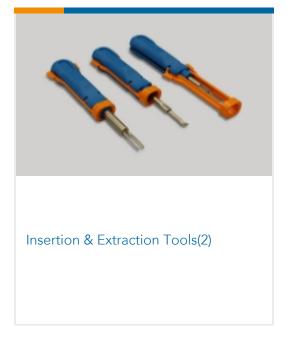




# Also in the Series | Power Double Lock









# Customers Also Bought





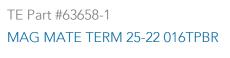




CONT









TE Part #175152-2 AMP UNIVE. POWER CONN REC CONT

TE Part #3-1971883-1 4P HOUSING(HIGH VOLTAGE) MULTI 6P CONN TE Part #3-1971884-1 6P HOUSING(HIGH VOLTAGE) MULTI 6P DOUB

TE Part #3-1983663-1
REC. CONTACT MULTI 6P
CONNECTOR

#### **Documents**

### **Product Drawings**

2P Plug Housing

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1983660-1\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1983660-1\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1983660-1\_C.3d\_stp.zip

English

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

**Product Specifications** 

Housing, Plug, Wire-to-Wire, 2 Position, 6.6 mm [.26 in] Centerline, Wire & Cable, UL 94V-0, Power Double Lock, Rectangular Power Connectors



### **Application Specification**

English

Agency Approvals

**VDE Certificate** 

English