



TE Internal #: 2317123-1  
 Rectangular Power Connectors, Header, Cap, Wire-to-Board, 10  
 Position, 3.96 mm [.156 in] Centerline, Printed Circuit Board, UL 94V-  
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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > Glow Wire Power Double Lock Cap



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Cap**

Connector System: **Wire-to-Board**

Number of Positions: **10**

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

[All Glow Wire Power Double Lock Cap \(35\)](#)

## Features

### Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Cap
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	10
PCB Mount Orientation	Vertical
Number of Power Positions	10
Number of Rows	2
Board-to-Board Configuration	Co-Planar

### Electrical Characteristics



Operating Voltage	50 VAC
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#### Contact Features

Contact Layout	Matrix
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Contact Current Rating (Max)	7 A
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Contact Retention Within Housing	Without
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Contact Type	Tab
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Tin
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Contact Mating Area Plating Material Thickness	.8 $\mu\text{m}$ [31.49 $\mu\text{in}$ ]
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#### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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#### Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Alignment	With
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PCB Mount Alignment	With
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PCB Mount Retention	With
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PCB Mount Retention Type	Mounting Post
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Connector Mounting Type	Board Mount
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Mating Retention	With
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Mating Retention Type	Latch
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#### Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Housing Color	Natural
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Housing Material	Nylon
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#### Dimensions

Row-to-Row Spacing	4.6 mm[.181 in]
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#### 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

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

Packaging Method	Box & Tray
Packaging Quantity	1680

### Other

For Use With	Plug: 177904
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### 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



## Documents

### Product Drawings

#### POWER DBL LOCK CONN 3.96 MM 10POS HEADE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2317123-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2317123-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2317123-1\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English