



**LGH**

TE Internal #: 867534-1

Circular Power Connectors, Housing, 5000 VDC, Wire-to-Wire, 6 Position, Wire & Cable, Plug, Reverse Gender, Pin, 6 Signal Positions, UL 94V-0

[View on TE.com >](#)

Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**

Operating Voltage: **5000 VDC**

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

Number of Positions: **6**

Sealable: **No**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	6
Number of Signal Positions	6

**Electrical Characteristics**

Operating Voltage	5000 VDC
-------------------	----------

**Body Features**

Positive Stop Ferrule	Without
-----------------------	---------

**Contact Features**

Reverse Gender	Yes
Contact Type	Pin

**Mechanical Attachment**

Mating Alignment	With
Mating Alignment Type	Keyed



Mating Retention Type	Threaded Coupling
-----------------------	-------------------

### Dimensions

	.065 in
--	---------

### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
-----------------------------	----------------------------

### Operation/Application

Shielded	No
----------	----

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Method	Package
------------------	---------

Packaging Quantity	25
--------------------	----

### 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: JAN 2019 (197) Does not contain REACH SVHC
--	--

Halogen Content	Not Yet Reviewed for halogen content
-----------------	--------------------------------------

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>



## Documents

### Product Drawings

[LGH 6 POS PLUG KIT](#)

English

---

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_867534-1\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_867534-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_867534-1\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

---

### Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English