



**LGH**

TE Internal #: 449690-1

Circular Power Connectors, Lead Assembly, 20000 VDC, Wire-to-Panel, 1 Position, Wire & Cable, Receptacle, Pin, -55 – 125 °C [-67 – 257 °F]

[View on TE.com >](#)

Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Lead Assembly**

Operating Voltage: **20000 VDC**

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

Number of Positions: **1**

Sealable: **No**

**Features**

**Product Type Features**

Connector Product Type	Lead Assembly
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle

**Configuration Features**

Number of Positions	1
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**Electrical Characteristics**

Operating Voltage	20000 VDC
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**Body Features**

Positive Stop Ferrule	Without
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**Contact Features**

Contact Type	Pin
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**Mechanical Attachment**

Panel Feedthrough	Yes
Panel Mount Feature Type	Flange
Mating Alignment	With
Mating Alignment Type	Keyed



### Dimensions

Assembly Length	31.75 mm[1.25 in]
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### Usage Conditions

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

Packaging Method	Package
Packaging Quantity	12

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Documents



## Product Drawings

### LGH-1 BULKHEAD RECEPT.

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_449690-1\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_449690-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_449690-1\\_C.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

### Products for Aerospace and Defense

English

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## Product Specifications

### Product Specification

English