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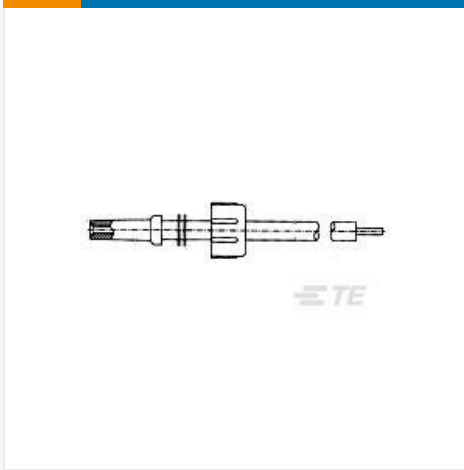
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Connectors > Power Connectors, Contacts, & Terminals > Circular Power > Circular Power Connectors

868361-1

LGH 1L SING END LEAD ASSY



LGH

TE Internal #: **868361-1**

TE Internal Description: **LGH 1L SING END LEAD ASSY**

Product Type : **Lead Assembly**

Operating Voltage (VDC): **25000**

Wire Size (AWG): **16**

Contact Type : **Socket**

Operating Temperature Range (°C): **-55 – 125**

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Compatible Parts & Tooling

We are here to help!

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Features

Product Compliance

Product Drawings

[1,1L LEAD ASSY,LGH-](#) .tif English

LGH 1L SING END LEAD ASSY

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Datasheets & Catalog Pages

Products for Aerospace and Defense



[ENG_DS_1308940_Aerospace_Defense_0118.pdf](#)

English

Product Specifications

Product Specification

[ENG_SS_108-36033_O2.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type : **Lead Assembly**

Contact Type : **Socket**

Electrical Characteristics

Operating Voltage (VDC): **25000**

Termination
Features

Termination Method to Wire & Cable :
Pre-Terminated to Cable

Dimensions

Wire Size (AWG): **16**
Assembly Length : **2006.6 mm [79 in]**
Pigtail Length (in): **.38**

Usage Conditions

Operating Temperature Range (°C): **-55 – 125**
Shielded : **No**

EU RoHS
Directive
2011/65/EU

Exemptions:
8(b) - Cd- Electrical Contacts

This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).

EU ELV Directive
2000/53/EC

China RoHS 2
Directive MIIT
Order No 32, 2016

部件名称 (Component Name)	有害物质 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价 铬 (Cr6)	多溴联 苯 (PBB)	多溴二苯 醚 (PBDE)
868361-1 连接器系统 (Connector Systems)	○	○	X	○	○	○

本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.

○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。

Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。

Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.

电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。
The EFUP value of EEP is defined according to SJ/T 11388 standard.

EU REACH
Regulation (EC)
No. 1907/2006

Current ECHA Candidate List: **JUL 2019 (201)**
Candidate List Declared Against: **JUL 2017 (174)**

Halogen Content

Solder Process
Capability

Not applicable for solder process capability

Statement of

[Statement of Compliance pdf](#)

Compliance

Compliance Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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.

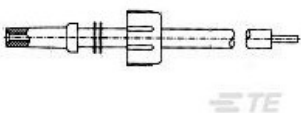
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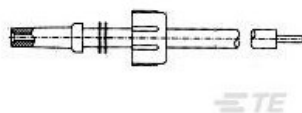
TOP RESULTS ?

CIRCULAR POWER CONNECTORS
868361-1
LGH 1L SING END LEAD ASSY



Non-Stocked

CIRCULAR POWER CONNECTORS
5-868361-1
LGH 1L SING END LEAD ASSY



Non-Stocked

CIRCULAR POWER CONNECTORS
4-830612-0
LGH 1/2 DBL MLD END



In-Stock

CIRCULAR POWER CONNECTORS
1-830637-6
LGH-1L SGL MOLDED END LEAD



Non-Stocked

Product Type : **Lead Assembly**
Operating Voltage : **25000 VDC**
Wire Size : **16 AWG**
Contact Type : **Socket**
Operating Temperature Range :
-55 – 125 °C

Product Type : **Lead Assembly**
Operating Voltage : **25000 VDC**
Wire Size : **16 AWG**
Contact Type : **Socket**
Operating Temperature Range :
-55 – 125 °C

Product Type : **Lead Assembly**
Operating Voltage : **10000 VDC**
Wire Size : **16 AWG**
Contact Type : **Socket**
Operating Temperature Range :
-55 – 125 °C

Product Type : **Lead Assembly**
Operating Voltage : **25000 VDC**
Wire Size : **16 AWG**
Contact Type : **Socket**
Operating Temperature Range :
-55 – 125 °C

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