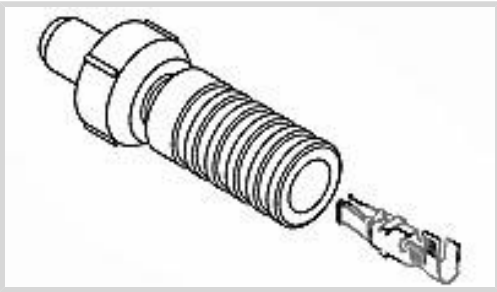




Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Lead Assembly**

Operating Voltage: **30000 VDC**

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

Number of Positions: **1**

Sealable: **Yes**

Features

Product Type Features

Connector Product Type	Lead Assembly
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug

Configuration Features

Number of Positions	1
Number of Power Positions	1

Electrical Characteristics

Operating Voltage	30000 VDC
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Body Features

Positive Stop Ferrule	Without
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Contact Features

Reverse Gender	No
Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Thread
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Dimensions

Accepts Wire Insulation Diameter Range	12.7 mm[.5 in]
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Usage Conditions

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

Shielded	No
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

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: JAN 2021 (211) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
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 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.

Also in the Series | **LGH CSL**



Circular Power Connectors(10)

Customers Also Bought

TE Part #1-747946-6  
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm

TE Part #1-770248-0  
UMN L II PIN SN/AUNI/BR LP

TE Part #1-66740-1  
TYPE XII FEMALE CONT (STRIP)

TE Part #1604002-2  
120A SGL POLE KIT, 2 AWG BLACK

TE Part #1648578-1  
296-0049-01100

TE Part #103957-1  
10X2 MTE RCPT SR LATCH .100CL

TE Part #YAFD51-12-10PNC012  
RECP ASSY

TE Part #1648162-1  
261-0006-01100

Documents

Product Drawings  
LGH CSL PLUG ASSY

English

Datasheets & Catalog Pages  
Products for Aerospace and Defense

English

Instruction Sheets  
Instruction Sheet (U.S.)

English

863103-1

LGH CSL, Circular Power Connectors, Lead Assembly, Operating Voltage 30000 VDC,  
Wire-to-Wire, 1 Position, Sealable, Wire & Cable, Plug, Socket

