1-837655-3 ACTIVE

LGH | LGH SGL

TE Internal #: 1-837655-3

1 Position Circular Power Connector, Lead Assembly, 20000 VDC, 16 AWG, Wire-to-Wire, Wire & Cable, Socket, -55 – 125 °C [-67 –

257 °F], LGH SGL

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 1

Connector Product Type: Lead Assembly

Operating Voltage: 20000 VDC

Wire Size: 16 AWG

Connector System: Wire-to-Wire

Features

Product Type Features

Product Type Features	
Connector Product Type	Lead Assembly
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	1
Electrical Characteristics	
Operating Voltage	20000 VDC
Body Features	
Positive Stop Ferrule	Without
Contact Features	
Contact Type	Socket
Contact Protection	Without
Termination Features	
Termination Method to Wire & Cable	Pre-Terminated to Cable
Mechanical Attachment	

With

Mating Alignment



Dimensions

Wire Size	16 AWG
Assembly Length	1219.2 mm[48 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Shielded	No
Packaging Features	
Packaging Quantity	10
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (.6% in 74020097) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

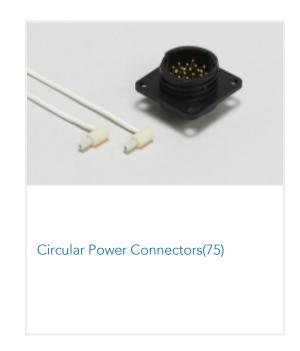
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

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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 SGL



Customers Also Bought















Documents

Product Drawings
LEAD, SGL END ASSY, LGH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-837655-3_AF.2d_dxf.zip

English

Customer View Model

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ENG_CVM_CVM_1-837655-3_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-837655-3_AF.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

1308940_Sec9_lghlead

English