



LGH

TE Internal #: 863701-8

Circular Power Connectors, Lead Assembly, Operating Voltage 20000 VDC, 16AWG Wire Size, Wire-to-Wire, Wire & Cable, Receptacle, Socket

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Lead Assembly**

Operating Voltage: **20000 VDC**

Wire Size: **16 AWG**

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

Sealable: **No**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	20000 VDC
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Body Features

Positive Stop Ferrule	Without
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Contact Features

Contact Type	Socket
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Termination Features

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

Wire Size	16 AWG
Assembly Length	619.25 mm[24.38 in]

Usage Conditions

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

Shielded	No
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Packaging Features

Packaging Method	Package
Packaging Quantity	20

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.

Customers Also Bought



TE Part #175362-2
DYNAMIC 3500 REC AND TAB HSG

TE Part #1-332070-1
Mini Spring Sockets: Closed Bottom, 6.5A

TE Part #1-178298-3
DYNAMIC 3100 HDR ASSY

TE Part #1-316131-2
DYNAMIC 3200 HDR ASSY

TE Part #1461477-4
PCN 3A/5A SLIM PCB RELAY 5VDC

TE Part #111607-000
TXR21AB00-1410AI

TE Part #1-1879135-6
RN 0603 150K 0.1% 10PPM 1K RL

TE Part #1625960-1
HBA RE 100M 1% 100PPM

TE Part #1052071-1
2037 5007 00,SMA RA CABLE PLUG

TE Part #CT37643001
100G0111-1.20-0CK0042

Documents

Product Drawings

LGH 1 MLD END ELECT LEAD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_863701-8_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_863701-8_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_863701-8_K.3d_stp.zip

English

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Datasheets & Catalog Pages



Products for Aerospace and Defense

English

Product Specifications

Product Specification

English