



LGH

TE Internal #: 837975-2

Circular Power Connectors, Lead Assembly, 40000 VDC, 16 AWG

Wire Size, Wire-to-Wire, Wire & Cable, Receptacle, Socket, -55 – 125 °C [-67 – 257 °F]

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Lead Assembly**

Operating Voltage: **40000 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 | 40000 VDC |
|-------------------|-----------|

Body Features

|                       |         |
|-----------------------|---------|
| Positive Stop Ferrule | Without |
|-----------------------|---------|

Contact Features

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Termination Features

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

Dimensions

|                 |                 |
|-----------------|-----------------|
| Wire Size       | 16 AWG          |
| Assembly Length | 914.4 mm[36 in] |

Usage Conditions

|  |  |
|--|--|
|  |  |
|--|--|



|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|          |    |
|----------|----|
| Shielded | No |
|----------|----|

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                  | 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUN 2020 (209)<br>SVHC > Threshold:<br>Pb (4% in Contact/Component)<br><b>Article Safe Usage Statements:</b><br>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                     | Hand solderable with lead free solder                                                                                                                                                                                                                                                                                                                                                                                          |

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Documents

Product Drawings

LGH-3 LEAD ELECT MLD END

English



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_837975-2\_Z.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_837975-2\_Z.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_837975-2\_Z.3d\_stp.zip

English

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Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Product Specifications

Product Specification

English