

6-846290-6 ✓ ACTIVE

LGH | LGH SGL

TE Internal #: 6-846290-6

Lead Assembly, 50000 VDC, 16 AWG Wire Size, Wire-to-Wire, 1

Position, Wire & Cable, Socket, LGH SGL, Circular Power

Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant with Exemptions**

EU ELV Compliance: **Compliant with Exemptions**

Connector Product Type: **Lead Assembly**

Operating Voltage: **50000 VDC**

Wire Size: **16 AWG**

## Features

### Other

EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant with Exemptions
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### Product Type Features

Connector Product Type	Lead Assembly
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Connector System	Wire-to-Wire
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Sealable	No
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Connector & Contact Terminates To	Wire & Cable
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### Configuration Features

Number of Positions	1
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### Electrical Characteristics

Operating Voltage	50000 VDC
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### Body Features

Positive Stop Ferrule	Without
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### Contact Features

Contact Type	Socket
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Contact Protection	Without
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### Termination Features



Termination Method to Wire & Cable	Pre-Terminated to Cable
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### Mechanical Attachment

Mating Alignment	With
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### Dimensions

Wire Size	16 AWG
Assembly Length	457.2 mm[18 in]

### Usage Conditions

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

Shielded	No
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### Packaging Features

Packaging Quantity	10
Packaging Method	Package

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

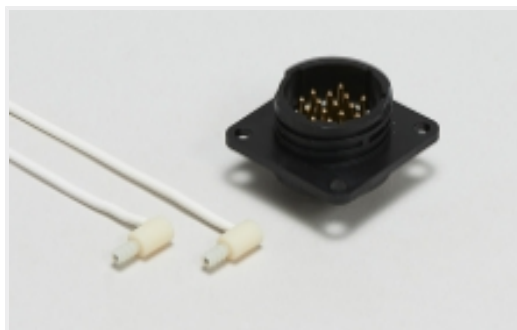
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Contact/Component) <b>Article Safe Usage Statements:</b> 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

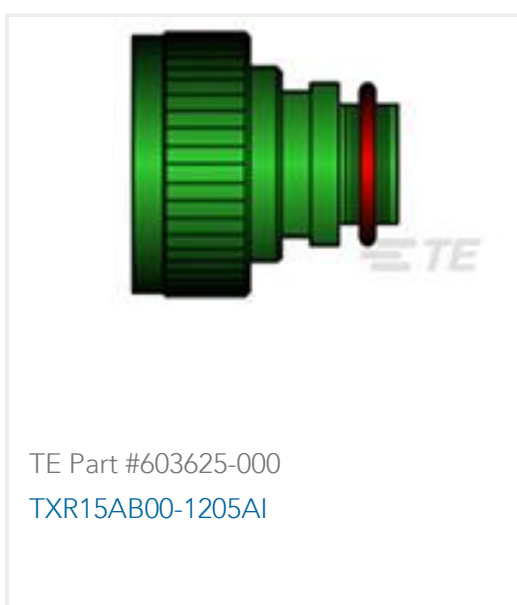
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Also in the Series | **LGH SGL**



Circular Power Connectors(91)

## Customers Also Bought



## Documents

### Product Drawings

[LGH-4 SGL MOLDED END LEAD](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_6-846290-6\\_AA.2d\\_dxf.zip](#)

English



Customer View Model

[ENG\\_CVM\\_CVM\\_6-846290-6\\_AA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-846290-6\\_AA.3d\\_stp.zip](#)

English

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