



**LGH**

TE Internal #: 5830611-1

Lead Assembly, 10000 VDC, 16 AWG Wire Size, Wire-to-Wire, 1 Position, Wire & Cable, Socket, -55 – 125 °C [-67 – 257 °F], Circular Power Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Lead Assembly**

Operating Voltage: **10000 VDC**

Wire Size: **16 AWG**

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

Number of Positions: **1**

**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
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**Electrical Characteristics**

Operating Voltage	10000 VDC
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**Body Features**

Positive Stop Ferrule	Without
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**Contact Features**

Contact Type	Socket
Contact Protection	Without

**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	609.6 mm[24 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	20
Packaging Method	Package

## Product Compliance

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

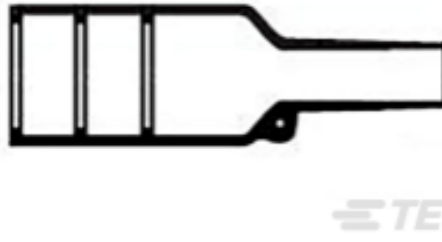
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: 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	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 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>



## Customers Also Bought



TE Part #154665-000  
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #E00553N001  
502K033/S(S15)



TE Part #245965-000  
TMS-SCE Military Grade Sleeves



TE Part #170225-1  
RING TERMINAL



TE Part #EC7654-000  
HLX203YW1TS050B

## Documents

### Product Drawings

LGH 1/2 SGL MLD END

English