

846290-6 ✓ ACTIVE

LGH | LGH SGL

TE Internal #: 846290-6

1 Position Circular Power Connector, Lead Assembly, 50000 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



Connector Product Type: **Lead Assembly**

Operating Voltage: **50000 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	50000 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	914.4 mm[36 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	1
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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Contact/Component) 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 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](#)

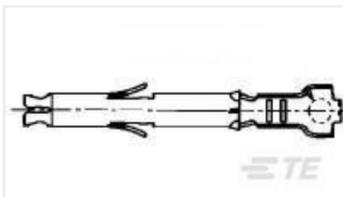


[Circular Power Connectors\(74\)](#)

Customers Also Bought



TE Part #170364-1
[MINI UNIVERSAL M-N-L PIN LP](#)



TE Part #170366-1
[MINI UNIVERSAL M-N-L SOCKET LP](#)



TE Part #204351-1
[SZ 22 SOCKET CONTACT](#)



TE Part #846290-4
[LGH-4 SGL MOLDED END LEAD](#)



TE Part #7-846290-8
[LGH-4 SGL MOLDED END LEAD](#)



TE Part #2-1393104-5
[KRPA-11AG-120=KRPA-](#)



TE Part #2-1437558-0
[MTA206N=\(MSTA\) SW TOG DPDT](#)



TE Part #1676361-1
[RN 0805 4K75 0.1% 10PPM CUT LENGTH](#)



TE Part #7-2176092-3
[RP 2A 0.25W 4K32 0.1% 25PPM 1K RL](#)



TE Part #2-2381880-7
[PBES16 28 LED 24V DC 12 mA 1NC 1NO](#)

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_846290-6_AA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_846290-6_AA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_846290-6_AA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1308940_Sec9_lghlead](#)

English