



LGH

TE Internal #: 864900-2

Circular Power Connectors, Housing, Wire-to-Wire, 6 Position, Wire & Cable, Receptacle, Socket, 6 Signal Positions, Panel Mount

[View on TE.com >](#)

Connectors > Power Connectors > Circular Power > Circular Power Connectors

Connector Product Type: **Housing**Connector System: **Wire-to-Wire**Number of Positions: **6**Sealable: **No**Connector & Contact Terminates To: **Wire & Cable****Features****Product Type Features**

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

Configuration Features

Number of Positions	6
Number of Signal Positions	6

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Positive Stop Ferrule	Without
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Contact Features

Contact Type	Socket
Contact Protection	Without

Mechanical Attachment

Panel Feedthrough	No
Panel Mount Feature Type	Flange with Mounting Holes



Connector Mounting Type	Panel Mount
Mating Alignment	With
Mating Alignment Type	Keyed

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 Method	Package
Packaging Quantity	100

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

Documents



Product Drawings

LGH CONNECTOR HOUSING

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_864900-2_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_864900-2_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_864900-2_K.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Products for Aerospace and Defense

English

Product Environmental Compliance

TE Material Declaration

English