1-862545-0 ✔ ACTIVE

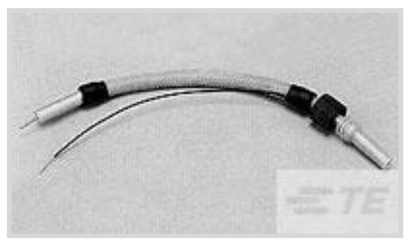
LGH | LGH SGL

TE Internal #: 1-862545-0

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

View on TE.com >

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

Electrical Characteristics

Operating Voltage	10000 VDC

Body Features

Positive Stop Ferrule	With

Contact Features

Contact Type	Socket
Contact Protection	Without

Termination Features

Termination Method to Wire & Cable	Pre-Terminated to Cable

Mechanical Attachment

Mating Alignment	With

Dimensions

Wire Size	16 AWG
Assembly Length	279.4 mm[11 in]

Usage Conditions

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

Operation/Application

Shielded	No

Packaging Features

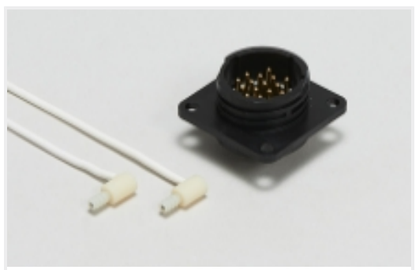
Packaging Quantity	20
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (2% in Component Part) **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

Also in the Series | LGH SGL



Circular Power Connectors(75)

Customers Also Bought

TE Part #32996
TERMINAL,SOLIS R 8 8

TE Part #34487
TERMINAL,SOLIS R 14-12 1/4

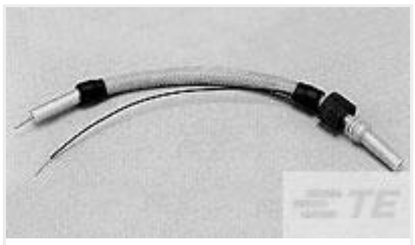
TE Part #6-87523-9
MOD IV RECP LP LF

TE Part #102241-1
03 MODIV HSG COMP SR .100 POL

TE Part #321827
TERMINAL,SOLIS R 14-12 8

TE Part #323166
STRATO-THERM, HR 8 1/4 NIPL

TE Part #3-837655-6
LEAD, SGL END ASSY, LGH



TE Part #862547-4
LEAD, SGL END ASSY, LGH

TE Part #1-1625999-4
HSC100 1R0 5%

TE Part #2-1630019-7
HSC200 R10 5%

Documents

Product Drawings

LEAD, SGL END ASSY, LGH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-862545-0_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-862545-0_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-862545-0_AF.3d_stp.zip

English

Datasheets & Catalog Pages

1308940_Sec9_lghlead

English