



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 |
|---------------------|---|

Electrical Characteristics

| | |
|-------------------|-----------|
| Operating Voltage | 50000 VDC |
|-------------------|-----------|

Body Features

| | |
|-----------------------|---------|
| Positive Stop Ferrule | Without |
|-----------------------|---------|

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 | 914.4 mm[36 in] |
|-----------------|-----------------|

Usage Conditions

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

Operation/Application

| | |
|----------|----|
| Shielded | No |
|----------|----|

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 | Restricted Materials Above Threshold |
|---|--------------------------------------|

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC > Threshold:</p> <p>Pb (4% in Contact/Component)</p> |
|--|--|

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(91)

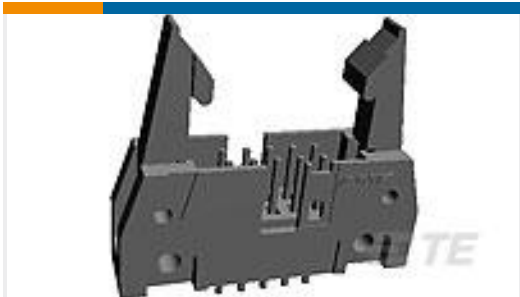
Customers Also Bought



TE Part #5747467-1
HD-20 PLUG 9P RA 590



TE Part #5747843-6
37 MSFL PLUG RA 318 (SL,FM,BL)



TE Part #5499922-6
A/L UNIV HDR 26P VERT LG LAT



TE Part #499252-8
016 STRAIN RELIEF A-L RCPT



TE Part #1-87227-0
20 MODII HDR DRST UNSHRD .100



TE Part #2301995-4
RJ45 JACK INT.MAG. 1GB LED 1X1
VERT.



TE Part #5-2301995-4
RJ45 JACK INT.MAG. 1GB LED 1X1
VERT.



TE Part #324052
TERMINAL,T-N R 4 3/8



TE Part #207017-1
METRIMATE PLUG, 12 POS

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5-846290-6_AA.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5-846290-6_AA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-846290-6_AA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

English