



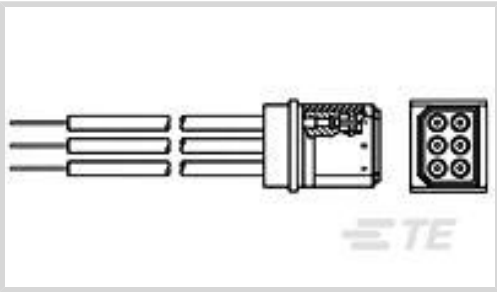
LGH

TE Internal #: 867472-2

Rectangular Power Connectors, Connector Assembly, Receptacle, 6 Position, 2.54 mm [.1 in] Centerline, 6000 VDC, 24 AWG Wire Size, . 2 mm² Wire Size

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

Features

Product Type Features

|                                  |                    |
|----------------------------------|--------------------|
| Rectangular Power Connector Type | Connector Assembly |
| Connector & Housing Type         | Receptacle         |
| Sealable                         | No                 |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 6 |
| Number of Rows      | 2 |

Electrical Characteristics

|                   |          |
|-------------------|----------|
| Operating Voltage | 6000 VDC |
|-------------------|----------|

Contact Features

|                                      |        |
|--------------------------------------|--------|
| Contact Underplating Material        | Nickel |
| Contact Current Rating (Max)         | 5 A    |
| Contact Retention Within Housing     | With   |
| Contact Type                         | Socket |
| Contact Mating Area Plating Material | Gold   |

Termination Features

|                                    |                            |
|------------------------------------|----------------------------|
| Termination Method to Wire & Cable | Preterminated Flying Leads |
|------------------------------------|----------------------------|

Mechanical Attachment

|                  |      |
|------------------|------|
| Mating Alignment | With |
|------------------|------|



|                          |                            |
|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
| Mating Retention         | Without                    |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material   | Polyester GF   |
| Cable Exit Angle   | 180°           |

Dimensions

|                    |                |
|--------------------|----------------|
| Wire Size          | .2 mm²         |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

Usage Conditions

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

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Other

|            |                                       |
|------------|---------------------------------------|
| Wire Color | White, Red, Green, Brown, Blue, Black |
|------------|---------------------------------------|

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 2022 (224)<br>Candidate List Declared Against: JUN 2020 (209)<br>SVHC > Threshold:<br>Pb (4% in Contact/Component)<br><b>Article Safe Usage Statements:</b><br>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>

Documents

Product Drawings  
LGH 6 POS RECEP W/FLY LEADS  
English

Datasheets & Catalog Pages  
Products for Aerospace and Defense  
English