

867471-1  ACTIVE

LGH

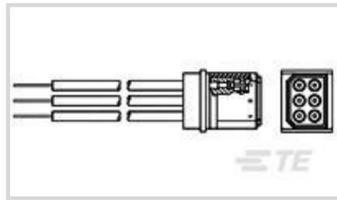
TE Internal #: 867471-1

Rectangular Power Connectors, Connector Assembly, Receptacle, 6 Position, 2.54 mm [.1 in] Centerline, 6000 VDC, 22 AWG Wire Size

[View on TE.com >](#)



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	Slotted Channel for Mounting Bracket
--------------------------	--------------------------------------

Mating Retention	Without
------------------	---------

### Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
--------------------	-----------------

Housing Material	Polyester GF
------------------	--------------

Cable Exit Angle	180°
------------------	------

### Dimensions

Wire Size	.3 – .4 mm <sup>2</sup>
-----------	-------------------------

Row-to-Row Spacing	2.54 mm [.1 in]
--------------------	-----------------

### Usage Conditions

Shielded	No
----------	----

### 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	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: JUNE 2022 (224) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
--	--

Halogen Content	Not Yet Reviewed for halogen content
-----------------	--------------------------------------

Solder Process Capability	Hand solderable with lead free solder
---------------------------	---------------------------------------

#### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished



product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Documents

### Product Drawings

#### LGH RECPT W/FLY LEADS 6 PIN

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_867471-1\\_L.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_867471-1\\_L.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_867471-1\\_L.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### Products for Aerospace and Defense

English

### Product Specifications

#### Product Specification

English