

## Line laser, red, 635 nm, 90°, 1.8 mW

LG635-1.8-6(13x30)  
Order Number: 70102765

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1.8		mW
Operating Voltage	5.4	6	6.6	V DC
Operating Current	20	40	60	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	G - 0.8 mrad
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (1000mm)

### Electrical Parameters

Potential of Housing	GND(-)
Power Supply	Power Supply 6V DC with 2.1x.5.5mm Connector

### Mechanical Parameters

Size	Ø13x30 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	7.4 mm
Weight	16 g

(\*) Over the complete operating temperature range

### Features



- Fan angle 90°
- Laser Class 1
- Compact size
- Operating Voltage 6V DC
- Glas lenses anti reflex coated

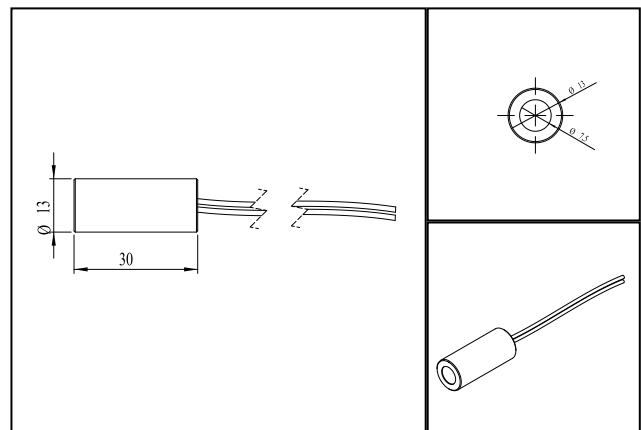
### Picture



### Cable color

Ground		black	GND
Positive		red	5.4 - 6.6, typ 6 V DC

### Drawing



### Safety Label



### Valid Revision

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