

## Line laser, red, 635 nm, 60°, 2.5 mW

LH635-2.5-3(12x32)60DEG  
Order Number: 70107401

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	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 H - 1.0 mrad  
Fan Angle 60°  
Line Thickness < 1mm@1m  
Operating Distance 1.5 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus fixed (1000mm)

### Electrical Parameters

Potential of Housing isolated  
Power Supply Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size Ø12x32 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 5.5 mm  
Housing Color black  
Weight 16 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

### Features



- Fan angle 60°
- Operating Voltage 3V DC
- Laser Class 1
- Uniform line thickness
- Fixed focus

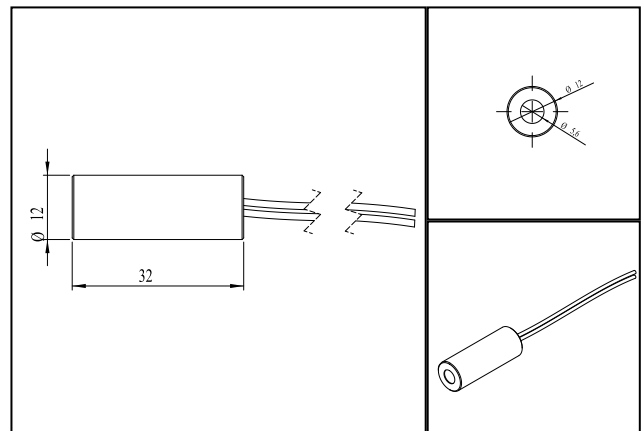
### Picture



### Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Drawing



### Safety Label



### Valid Revision

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