

## Line laser, red, 635 nm, 90°, 2.2 mW

LD635-2.2-5(12x32)-F1000-C160  
Order Number: 70116656

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		2.2		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	35	50	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 D - 0.5 mrad  
Fan Angle 90°  
Line Thickness <1mm@1m  
Operating Distance 1 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: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

### Mechanical Parameters

Size Ø12x32 mm  
Material aluminium  
Cable length 160 mm  
Wire type Belden, Typ 1007, 26AWG  
Output Aperture 5.5 mm  
Housing Color black  
Weight 18 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

## Features



- Operating Voltage 5V DC
- Laser Class 1
- Glas lenses anti reflex coated
- Fan angle 90°
- Compact size

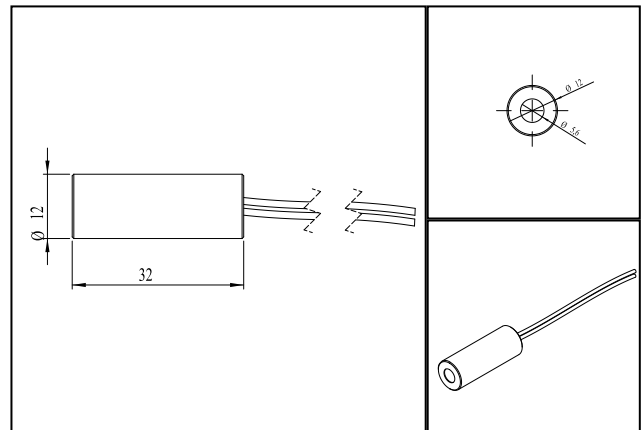
## Picture



## Cable color

Ground  black GND  
Positive  red 4.5 - 5.5, typ 5 V DC

## Drawing



## Safety Label



## Valid Revision

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