

## Line laser, blue, 405 nm, 90°, 60 mW

LC405-60-5-F(14x55)  
Order Number: 70114881

Main Parameters (*)	min	typ	max	Unit
Wavelength		405		nm
Optical Output Power		60		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	75	150	225	mA
Operating Temperature	-10		50	°C
Storage Temperature	-40		70	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape Line  
Laser Class 3R  
Divergence C - 0.4 mrad  
Fan Angle 90°  
Line Thickness adjustable  
Operating Distance 15 m  
Optics glass lens AR coated  
Laser technology diode  
Focus adjustable

### 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 Ø14x55 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 4 mm  
Weight 20 g

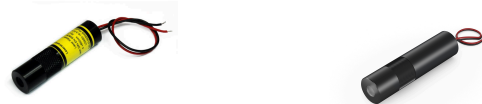
(\*) Over the complete operating temperature range

### Features



- Operating Voltage 5 V DC
- Laser Class 3R
- Adjustable focus
- Low power consumption
- Compact size

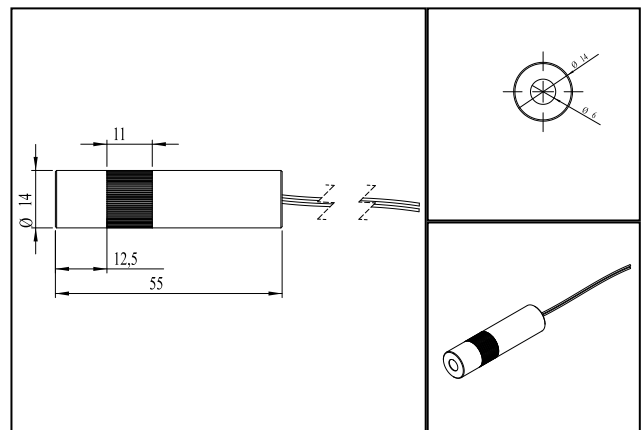
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

| 26-SEP-2022