

## Line laser, infrared, 808 nm, 90°, 5 mW

LC808-5-3-F(14x55)  
Order Number: 70110180

Main Parameters (*)	min	typ	max	Unit
Wavelength		808		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	80	120	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 C - 0.4 mrad  
Fan Angle 90°  
Line Thickness adjustable  
Operating Distance 3 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus adjustable

### 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 Ø14x55 mm  
Material aluminium  
Cable length 100 mm  
Wire type Belden, Typ 1007, 26AWG  
Output Aperture 4 mm  
Housing Color black  
Weight 16.5 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

## Features

- Operating Voltage 3V DC
- Image processing
- Adjustable focus
- Uniform line thickness
- Laser Class 1

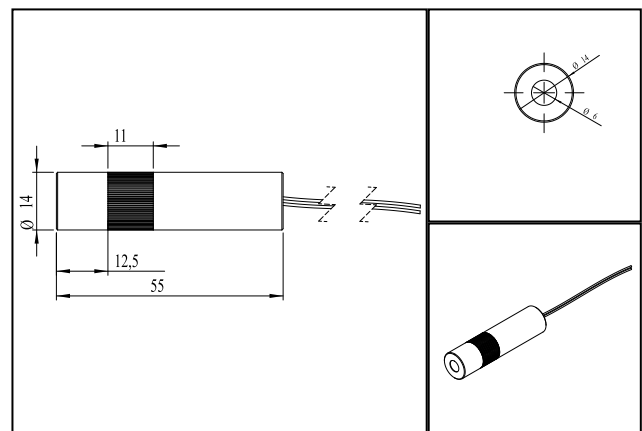
## Picture



## Cable color

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

## Drawing



## Safety Label



## Valid Revision

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