

## Line laser, red, 635 nm, 60°, 5 mW

LFL635-5-6(9x20)60-F250  
Order Number: 70114867

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	6	6	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >3,000 h  
RoHS yes

### Optical Parameters

Beam Shape Line  
Laser Class 1  
Divergence H - 1.0 mrad  
Fan Angle 60°  
Line Thickness <1mm@0.25m  
Operating Distance 0.25 m  
Optics acryl lense  
Laser technology diode  
Focus fixed (250mm)

### Electrical Parameters

Potential of Housing VDD(+)  
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 Ø9x20 mm  
Material Brass  
Cable length 100 mm  
Wire type 26AWG, 0,14mm²  
Output Aperture 6 mm  
Weight 6 g

(\*) Over the complete operating temperature range

### Features

- Low cost
- Fixed focus
- Compact size
- Operating Voltage 3-6V DC
- Laser Class 1

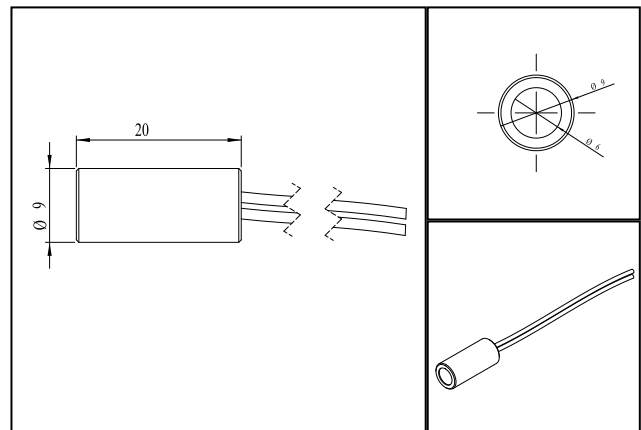
### Picture



### Cable color

Ground  black GND  
Positive  red 3 - 6, typ 6 V DC

### Drawing



### Safety Label



### Valid Revision

| 20-SEP-2023