

## Line laser, red, 635 nm, 40 °, 1 mW

RP-LC635-1-3(6x30)-F100  
Order Number: 70106558

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		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

### Stammdaten

Warranty 1 Jahre

### Technical Parameters

Lifetime >10000 h  
RoHS yes

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	C - 0.4 mrad
Fan Angle	40 °
Line Thickness	<0.1mm@0.1m
Operating Distance	0.1 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (100mm)

### Electrical Parameters

Power Supply LFNT-3

### Mechanical Parameters

Size	Ø6x30 mm
Material	Brass
Cable length	100 mm
Output Aperture	3.5 mm
Weight	5 g

(\*) Over the complete operating temperature range

### Features

- Operating Voltage 3 V DC
- Laser Class 1
- Compact size
- Image processing
- Fixed focus

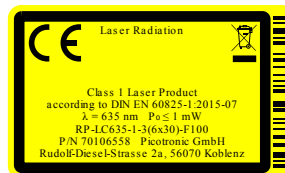
### Picture



### Cable color

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

### safety label



### Valid Revision

REV 5 | 29-JUN-2018