

## Dot laser, red, 635nm, 0.75mW

LFD635-1-6(10x22)

Order Number: 70109801

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power	0.5	0.75	1	mW
Operating Voltage	3	3	6	V DC
Operating Current	6	30	30	mA
Operating Temperature	-20		40	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>3000h
RoHS	yes

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	H - 1.0mrad
Beam Diameter	3mm
Size of Laserdot	<4..6mm@5m
Operating Distance	10m
Optics	acryl lens
Laser technology	diode
Focus	collimated

### Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø10x22mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	9g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features

- Laser Class 2
- Compact size
- Operating Voltage 3-6V DC
- Laser Class 2
- Low cost

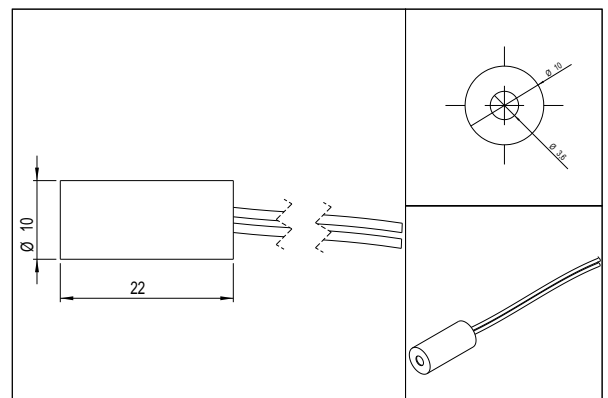
### Picture



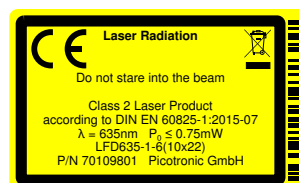
### Cable Colors

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

### Drawing



### Safety Label



### Revision

REV 15 | 25-OCT-2017

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