

## Dot laser, red, 635nm, 0.4mW

DI635-0.4-3(8x21)

Order Number: 70104127

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.4	0.39	mW
Operating Voltage	2.4	3	3	V DC
Operating Current	20	35	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	1 - 1.5mrad
Beam Diameter	2mm
Size of Laserdot	<3..5mm@5m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (5.0m)

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø8x21mm
Material	aluminium
Cable length	100mm
Output Aperture	2mm
Housing Color	black
Weight	3g

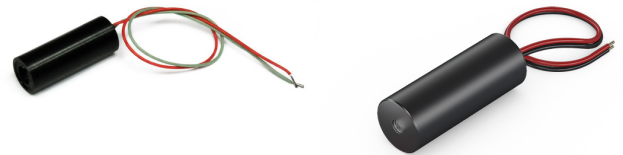
(\*) Over the complete operating temperature range

### Features





- Operating Voltage 3V DC
- For medical devices
- Fixed focus
- Compact size
- Laser Class 1

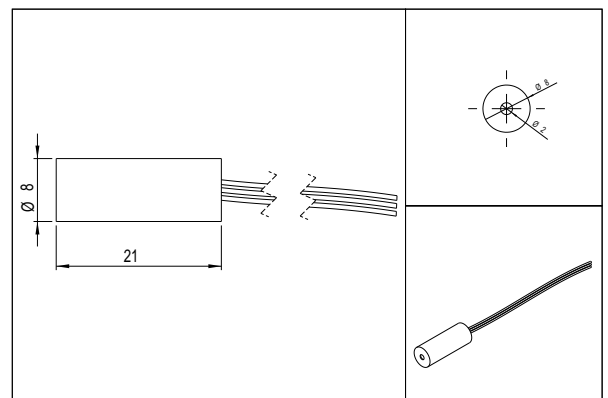
### Picture



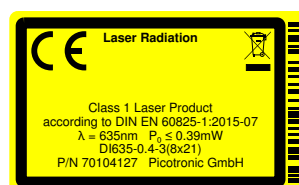
### Cable Colors

Ground		green	GND
Positive		red	2.4 - 3, typ 3V DC

### Drawing



### Safety Label



### Revision

REV 8 | 03-AUG-2018