

## Doe laser, red, 635 nm, 1 mW

DOE243-635-1-6(10x22)  
Order Number: 70111743

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		1		mW
Operating Voltage	3	5	6	V DC
Operating Current	20	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 Jahre

### Technical Parameters

Lifetime > 3,000 h  
RoHS yes

### Optical Parameters

Beam Shape DOE  
Laser Class 2M  
Divergence H - 1.0 mrad  
Optics acryl lense  
Laser technology diode  
Protection Lens yes  
Focus fixed

### Electrical Parameters

Potential of Housing VDD(+)

### Mechanical Parameters

Size Ø10x22 mm  
Material Brass  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 6 mm  
Weight 8.5 g

### DOE

Alpha	7 °
Beta	5 °
Gamma	0.33 °
Delta	5 °
a	12.2 mm
b	8.7 mm
c	0.51 mm
d	8.7 mm
Diameter (without holder)	8 mm
Width (without Holder)	1.2 mm
Material	PC

(\*) Over the complete operating temperature range

## Features



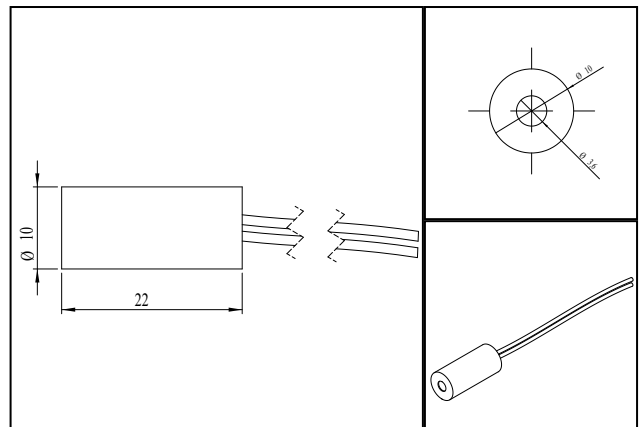
## Picture



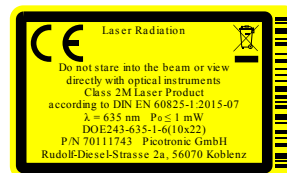
## Cable color

Ground		black	GND
positive		red	3 - 6, typ 5 V DC

## Drawing



## Safety Label



## Valid Revision

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