

## Doe laser, red, 635 nm, 5 mW

DOE259-635-5-6(10x22)  
Order Number: 70112313

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	V DC
Operating Current	25	45	65	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 3,000 h  
RoHS yes

### Optical Parameters

Beam Shape DOE  
Laser Class 1  
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 28.2 °  
Beta 2.82 °  
a 5 mm  
b 50.5 mm  
Diameter (without holder) 8 mm  
Width (without Holder) 1.2 mm  
Material PC

(\*) Over the complete operating temperature range

## Features



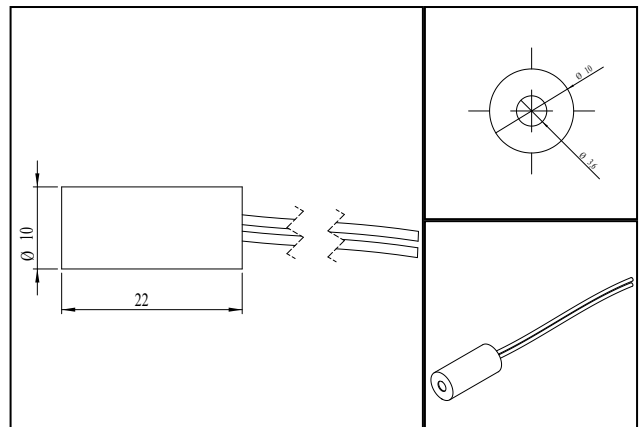
## Picture



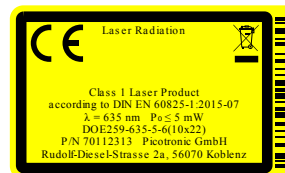
## Cable color

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

## Drawing



## Safety Label



## Valid Revision

0