

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

DOE238-635-5-6(10x22)  
Order Number: 70125726

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 2M  
Divergence H - 1.0 mrad  
Optics acryl lense  
Laser technology Single Mode 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  
Housing Color black  
Weight 8.5 g  
Stripping of wire 5 mm

### DOE

Alpha 3.4°  
a 5.9 mm  
Diameter (without holder) 8 mm  
Width (without Holder) 1.2 mm  
Material PC

(\*) Over the complete operating temperature range

### Features



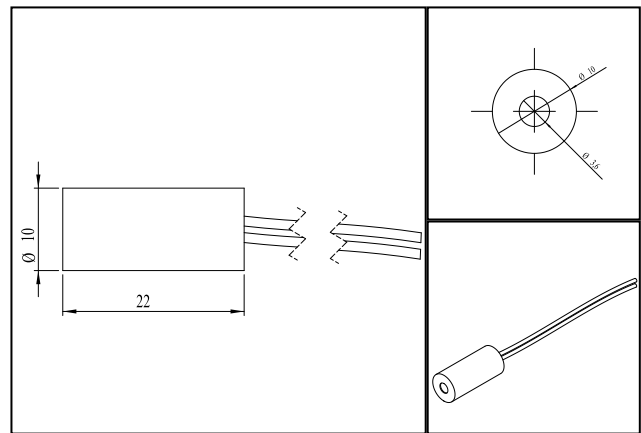
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

| 20-SEP-2019