

## Doe laser, infrared, 850 nm, 5 mW

DOE258-850-5-3(12x38)  
Order Number: 70127034

Main Parameters (*)	min	typ	max	Unit
Wavelength		850		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 10,000 h  
RoHS yes

### Optical Parameters

Beam Shape DOE  
Laser Class 3R  
Divergence D - 0.5 mrad  
Operating Distance 50 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus adjustable

### Electrical Parameters

Potential of Housing isolated  
Power Supply Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size Ø12x38 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 5 mm  
Weight 9.5 g

(\*) Over the complete operating temperature range

### Features



- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated
- Operating Voltage 3V DC

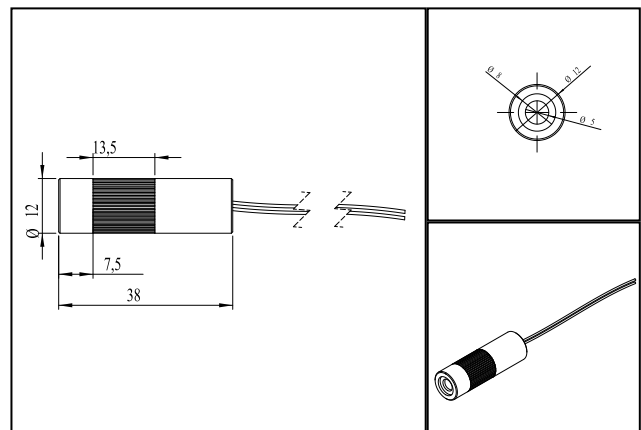
### Picture



### Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Drawing



### Safety Label



### Valid Revision

| 22-JUL-2019