

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

(\*) Over the complete operating temperature range

DOE223-635-5-5(10x24)-ADJ  
Order Number: 70134056

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	5	V DC
Operating Current	15	30	70	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >3000 h  
RoHS yes

### Optical Parameters

Beam Shape DOE  
Laser Class 3R  
Divergence H - 1.0 mrad  
Optics acryl lense  
Laser technology Single Mode Diode  
Protection Lens yes  
Focus adjustable

### Electrical Parameters

Potential of Housing VDD(+)

### Mechanical Parameters

Size Ø10x24 mm  
Material Brass  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 6 mm  
Housing Color brass  
Weight 8.5 g  
Stripping of wire 5 mm

### DOE

Alpha 8.3 °  
Beta 8.3 °  
Gamma 11.8 °  
Delta 0.36 °  
a 14.6 mm  
b 14.6 mm  
c 20.6 mm  
d 0.6 mm  
Diameter (without holder) 8 mm  
Width (without Holder) 1.2 mm  
Material PC

## Features



## Picture



## Cable color

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

## Safety Label



## Valid Revision

| 02-SEP-2020