

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

DOE337-635-5-6(10x24)-ADJ  
Order Number: 70134216

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	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 >3,000 h  
RoHS yes

### Optical Parameters

Beam Shape DOE  
Laser Class 1M  
Divergence H - 1.0 mrad  
Optics acryl lens  
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

(\*) Over the complete operating temperature range

### Features



### Picture



### Cable color

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

### Safety Label



### Valid Revision

| 05-AUG-2020