

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

(\*) Over the complete operating temperature range

DOE248-635-5-5(10x24)-ADJ  
Order Number: 70133899

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 > 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 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

---



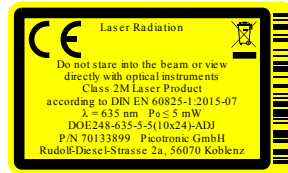
## Cable color

---

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

## Safety Label

---



## Valid Revision

---

| 02-SEP-2020