

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

DOE256-635-5-5(10x24)-ADJ  
Order Number: 70133912

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	1M
Divergence	H - 1.0 mrad
Optics	acryl lense
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	adjustable

### Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

### 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
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### DOE

Alpha	31°
Beta	22°
Gamma	0.44°
Delta	22°
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 - 5, typ 5 V DC

### Safety Label



### Valid Revision

| 28-FEB-2025