

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

DOE259-635-5-6(10x22)F300

Order Number: 70124255

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Diode Power		5		mW
Operating Voltage	3	5	6	V DC
Operating Current	25	45	65	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Technical Parameters

Lifetime	>3000h
RoHS	yes

### Optical Parameters

Beam Shape	DOE
Laser Class	1
Divergence	H - 1.0mrad
Line Thickness	<1mm@300mm
Operating Distance	0.3m
Optics	acryl lens
Laser technology	diode
Protection Lens	yes
Focus	fixed (300mm)

### Electrical Parameters

Potential of Housing	VDD(+)
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### Mechanical Parameters

Size	Ø10x22mm
Material	Brass
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	6mm
Weight	8.5g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features



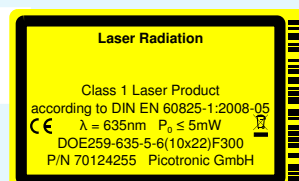
### Picture



### Cable Colors

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

### Safety Label



### Revision

| 14-JAN-2016