

## Dot laser, red, 635 nm, 0.4 mW

DI635-0.4-5(8x21)-AP  
Order Number: 70114157

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		0.4		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	28	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape Dot  
Laser Class 1  
Divergence 1 - 1.5 mrad  
Beam Diameter 2 mm  
Size of Laserdot <3..5mm@5m  
Operating Distance 10 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Axial Divergence  $\pm 0.1^\circ$   
Focus collimated

### Electrical Parameters

Power Supply LFNT-5

### Mechanical Parameters

Size  $\varnothing 8 \times 21$  mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 2 mm  
Housing Color silver  
Weight 3 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

### Features




- Axial parallel
- Glas lenses anti reflex coated
- Compact size
- Laser Class 1
- Operating Voltage 5 V DC

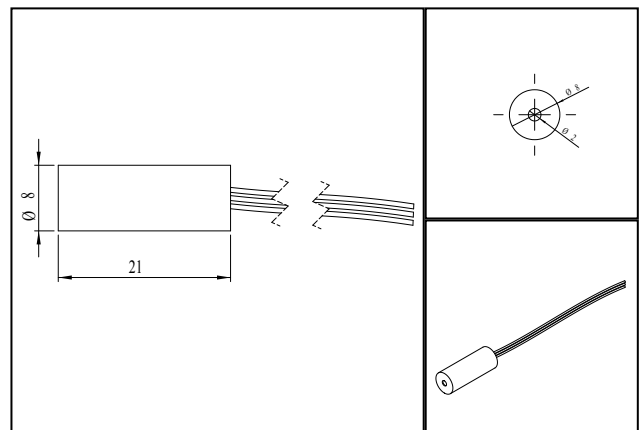
### Picture



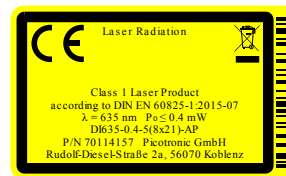
### Cable color

Ground		blue	GND
Positive		red	4.5 - 5.5, typ 5 V DC

### Drawing



### Safety Label



### Valid Revision

7 | 05-MAY-2023

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