

## Dot laser, red, 650 nm, 0.4 mW

DD650-0.4-3(12x34)-C500  
Order Number: 70140224

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		0.4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	10	18	30	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	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Electrical Parameters

Potential of Housing VDD(+)  
Power Supply LFNT-3

### Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	500 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5 mm
Housing Color	black
Weight	17 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

## Features



- Operating Voltage 3 V DC
- Adjustable focus
- Small laser head
- Laser Class 1

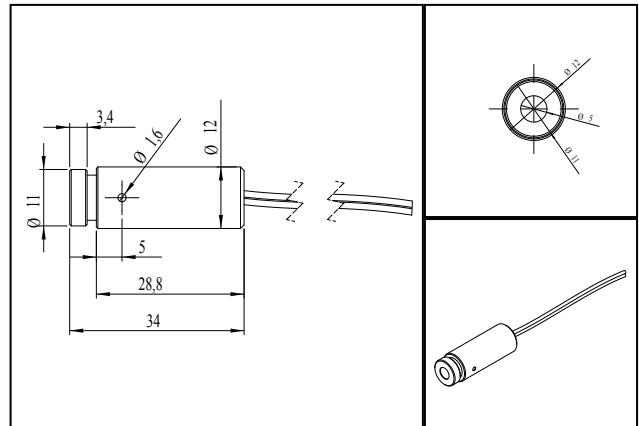
## Picture



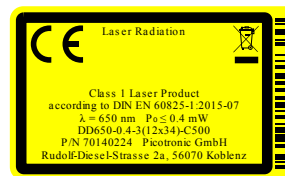
## Cable color

Ground		black	GND
positive		red	2.7 - 3.3, typ 3 V DC

## Drawing



## Safety Label



## Valid Revision

| 03-MAR-2021