

## Dot laser, red, 650 nm, 10 mW

DDI650-10-5(12x25)  
Order Number: 70109214

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		10		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	30	55	85	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 3B  
Divergence D - 0.5 mrad  
Beam Diameter 5 mm  
Size of Laserdot <4mm@5m  
Operating Distance 50 m  
Optics glass lens AR coated  
Laser technology Single Mode Diode  
Focus collimated

### Electrical Parameters

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

### Mechanical Parameters

Size Ø12x25 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 5 mm  
Housing Color black  
Weight 7 g  
Stripping of wire 5 mm

(\*) Over the complete operating temperature range

## Features



- Laser Class 3B
- Operating Voltage 5V DC
- Compact size
- Glas lenses anti reflex coated
- Fixed focus

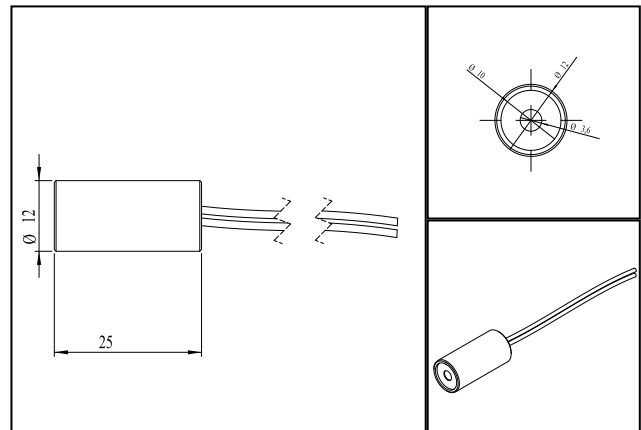
## Picture



## Cable color

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

## Drawing



## Safety Label



## Valid Revision

1 | 22-APR-2021