

## Dot laser, red, 650 nm, 7 mW

DDI650-7-5(14x34)  
Order Number: 70115413

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		7		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	30	60	90	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	3R
Divergence	D - 0.5 mrad
Beam Diameter	3 mm
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed

### 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	Ø14x34 mm
Material	aluminium

Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3 mm
Weight	11.3 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 5V DC
- Laser Class 3R
- Image processing
- Glas lenses anti reflex coated
- Uniform illumination

### Picture



### Cable color

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

### Safety Label



### Valid Revision

1 | 04-JAN-2018