

## Dot laser, red, 635 nm, 3 mW

DDI635-3-5(12x34)-C500  
Order Number: 70110142

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		3		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	25	45	70	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
Size of Laserdot	adjustable
Operating Distance	30 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

### 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	Ø12x34 mm
Material	Brass
Cable length	500 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5 mm
Weight	20 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 5V DC
- Adjustable focus
- Image processing
- Compact size
- Glas lenses anti reflex coated

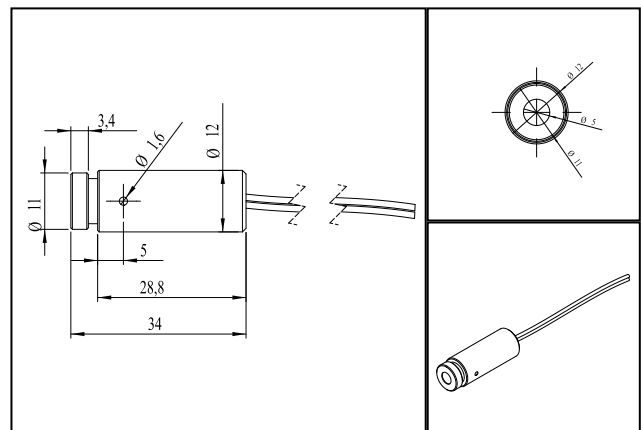
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

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