

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

DF635-3-3(12x34)  
Order Number: 70101317

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		3		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	40	60	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	F - 0.7 mrad
Size of Laserdot	adjustable
Operating Distance	50 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: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	100 mm
Output Aperture	5 mm
Weight	17 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 3V DC
- Laser Class 3R
- Adjustable focus
- Glass lenses anti reflex coated
- Compact size

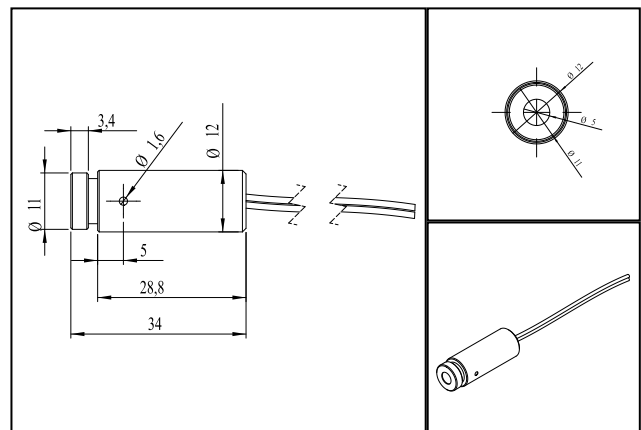
### Picture



### Cable color

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

### Drawing



### Safety Label



### Valid Revision

0 | 23-MAR-2011