

## Dot laser, red, 635 nm, 2.2 mW

DC635-2.2-3(12x34)  
Order Number: 70100723

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		2.2		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
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### Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

### Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	C - 0.4 mrad
Size of Laserdot	adjustable
Operating Distance	20 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5 mm
Weight	18 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

## Features



- Laser Class 3R
- Compact size
- Adjustable focus
- Low power consumption
- Operating Voltage 3 V DC

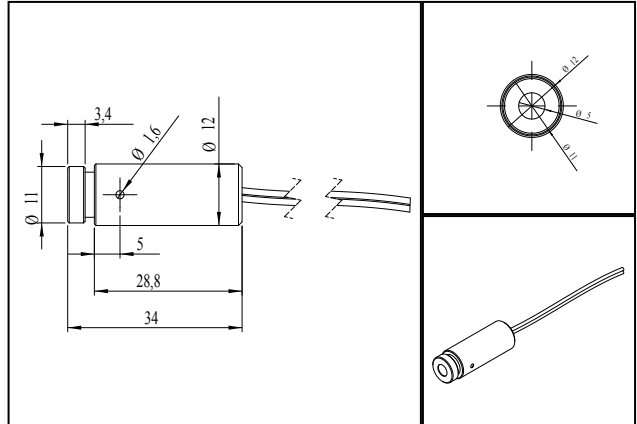
## Picture



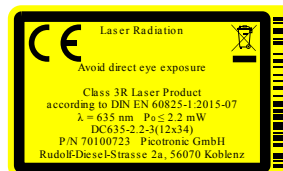
## Cable color

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

## Drawing



## Safety Label



## Valid Revision

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