

## Red Dot Lasermodule

DD635-1-6(12x34)

Order Number: 70116519

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	5.4	6	6.6	V DC
Operating Current	15	26	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.5mrad
Size of Laserdot	adjustable
Operating Distance	10m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-6

### Mechanical Parameters

Size	Ø12x34mm
Material	Brass
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 6V DC
- Laser Class 2
- Adjustable focus
- Glas lenses anti reflex coated
- Image processing

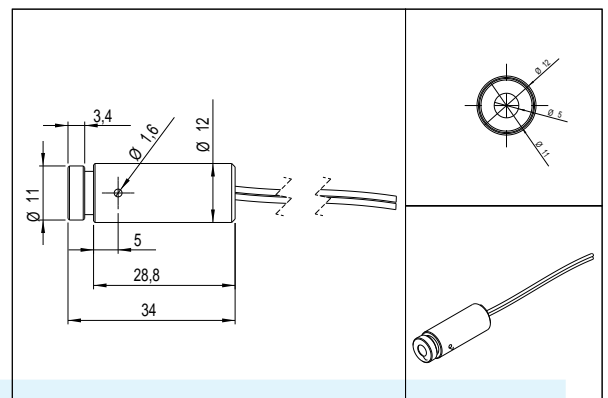
### Picture



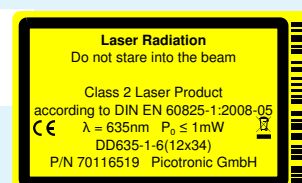
### Cable Colors

Ground		black	GND
Positive		red	5.4 - 6.6, typ 6V DC

### Drawing



### Safety Label



### Revision

REV 7 | 16-JUL-2014