

## Red Line Lasermodule

LD650-5-3(12x32)

Order Number: 70100075

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	40	55	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	0.5mrad
Fan Angle	90°
Line Thickness	<1mm@2m
Operating Distance	2m
Optics	glass lens AR coated
Laser technology	Diode
Focus	fixed (2000mm)

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
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### Mechanical Parameters

Size	Ø12x32mm
Material	Aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	6mm
Housing Color	black
Weight	13.5g

(\*) Over the complete operating temperature

### Features





- Operating Voltage 3V DC
- Image processing
- Low power consumption
- Compact size
- Laser Class 1

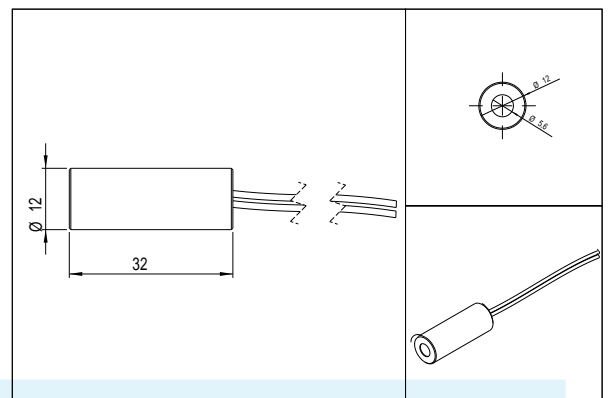
### Picture



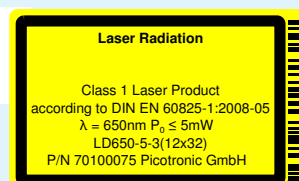
### Cable Colors

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

### Drawing



### Safety Label



### Revision

REV 4