

## Red Line Lasermodule

LE650-2.5-5(12x32)

Order Number: 70107241

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		2.5		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	23	40	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	0.6mrad
Fan Angle	90°
Line Thickness	<1.5mm@2m
Operating Distance	2m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (2000mm)

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-5

### Mechanical Parameters

Size	Ø12x32mm
Material	aluminium
Cable length	100mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5.5mm
Housing Color	black
Weight	17g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features





- Operating Voltage 5V DC
- Laser Class 1
- Uniform line thickness
- Fixed focus
- Glass lenses anti reflex coated

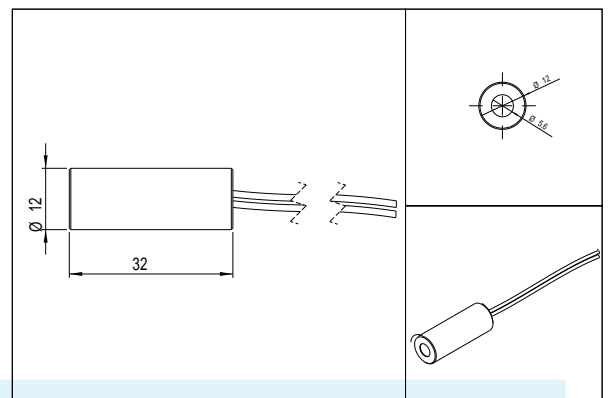
### Picture



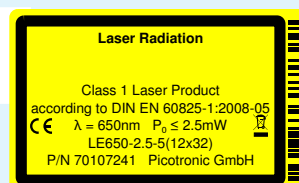
### Cable Colors

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

### Drawing



### Safety Label



### Revision

REV 6 | 06-AUG-2014