

## Red Line Lasermodule

LI635-5-3(8x26)30DEG-F285-C200

Order Number: 70120141

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.85	3	3	V DC
Operating Current	30	53	75	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	1.5mrad
Fan Angle	30°
Line Thickness	<0.3mm@0.285m
Operating Distance	0.285m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (285mm)

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø8x26mm
Material	aluminium
Cable length	200mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	3.5g
Stripping of wire	5mm

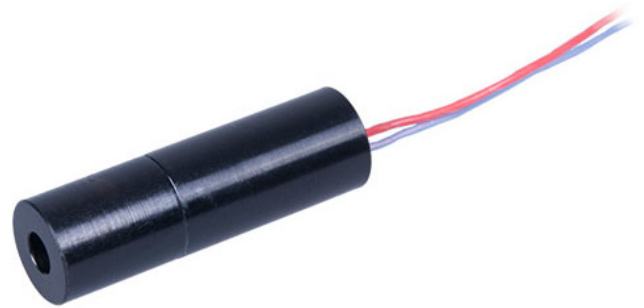
(\*) Over the complete operating temperature range

### Features





- Operating Voltage 3V DC
- Fan angle 30°
- Laser Class 1
- Uniform line thickness
- Fixed focus

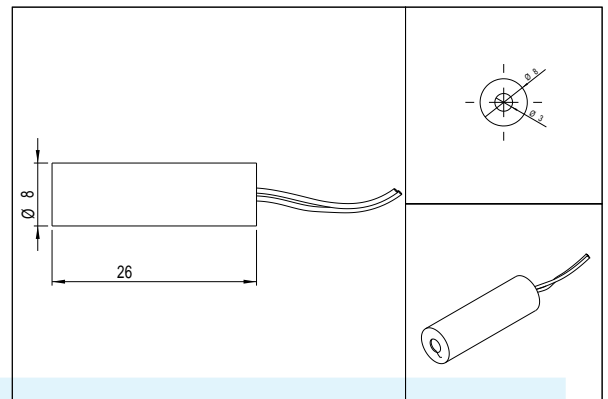
### Picture



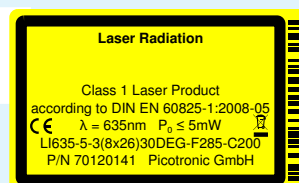
### Cable Colors

Ground		blue	GND
Positive		red	2.85 - 3, typ 3V DC

### Drawing



### Safety Label



### Revision

| 06-AUG-2014