

## Red Line Lasermodule

LI635-5-3(8x26)90DEG-F650

Order Number: 70112849

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.85	3	3.1	V DC
Operating Current	25	60	80	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	1.5mrad
Fan Angle	90°
Line Thickness	<1mm@0.65m
Operating Distance	0.65m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (650mm)

### Technical Parameters

Lifetime	>10000h
RoHS	yes

### Electrical Parameters

Power Supply	LFNT-3
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### Mechanical Parameters

Size	Ø8x26mm
Material	aluminium
Cable length	100mm
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

- Compact size
- Low power consumption
- Uniform line thickness
- Fixed focus
- Laser Class 1

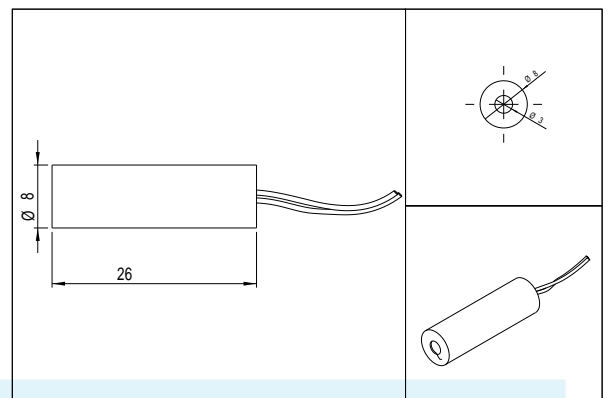
### Picture



### Cable Colors

Ground		blue	GND
Positive		red	2.85 - 3.1, typ 3V DC

### Drawing



### Safety Label



### Revision

REV 5 | 16-JUL-2014