

Line laser, red, 650 nm, 30°, 5 mW

LD650-5-3(12x32)30-C30
Order Number: 70121940

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	15	30	45	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	30°
Line Thickness	<1.5mm@3m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø12x32 mm
Material	aluminium
Cable length	30 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Weight	17.6 g

(*) Over the complete operating temperature range

Features



- Fan angle 30°
- Laser Class 1
- Operating Voltage 3 V DC
- Uniform illumination
- Glas lenses anti reflex coated

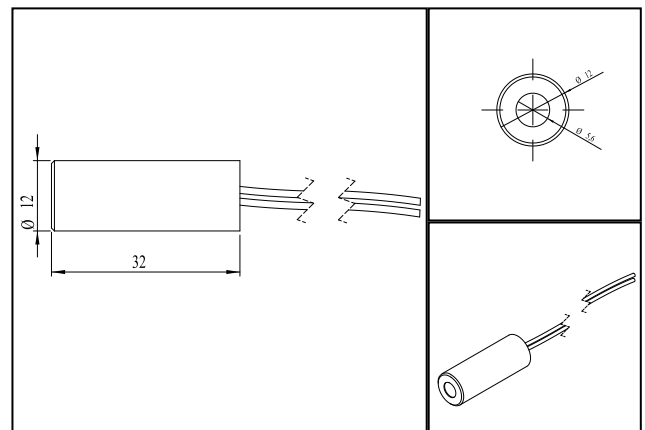
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

| 09-JAN-2020