

Line laser, red, 650 nm, 90 °, 6 mW

LH650-6-3(12x32)
Order Number: 70101898

Main Parameters (*)	min	typ	max	Unit
Wavelength		650		nm
Optical Output Power		6		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	35	55	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	H - 1.0 mrad
Fan Angle	90 °
Line Thickness	<1.5mm@3m
Operating Distance	4 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x32 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Weight	13 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 1
- Uniform line thickness
- Fixed focus
- Small laser head

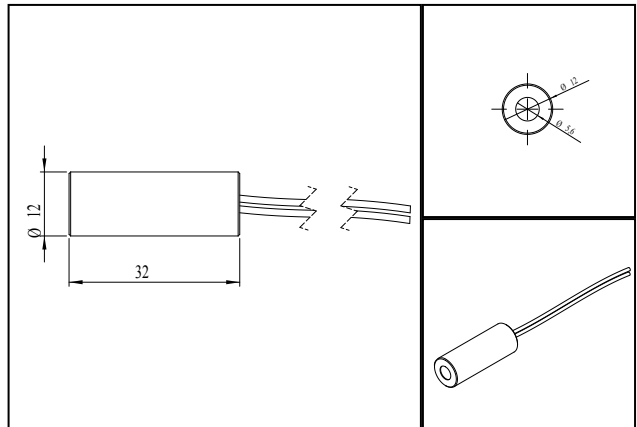
Picture



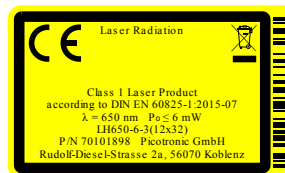
Cable color

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

Drawing



Safety Label



Valid Revision

6 | 19-JUL-2018