

Line laser, red, 670 nm, 90 °, 2.5 mW

LE670-2.5-3(12x32)
Order Number: 70101508

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		2.5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	20	40	60	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 3,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	E - 0.6 mrad
Fan Angle	90 °
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (1000mm)

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-3

Mechanical Parameters

Size	Ø12x32 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Housing Color	black
Weight	17.2 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 3 V DC
- Laser Class 1
- Fan angle 90 °
- Glas lenses anti reflex coated
- Compact size

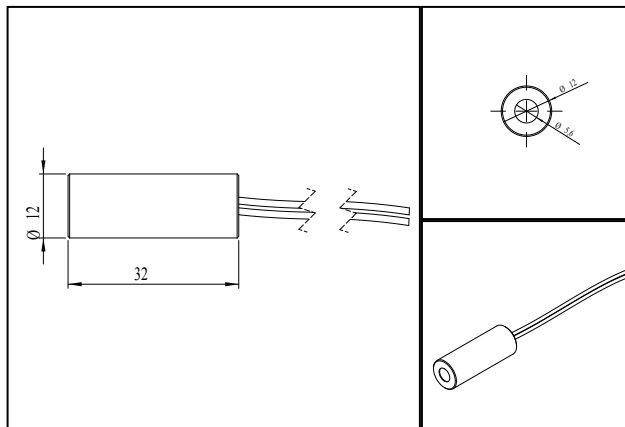
Picture



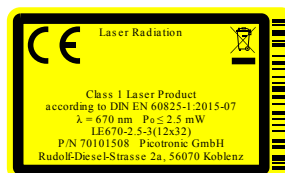
Cable color

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

Drawing



Safety Label



Valid Revision

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