

Line laser, red, 670 nm, 90°, 2.5 mW

LH670-2.5-3(12x34)
Order Number: 70101713

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 >5,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1mm@1m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (1000mm)

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 Ø12x34 mm

Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5.5 mm
Weight	12.5 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Laser Class 1
- Uniform line thickness
- Fixed focus
- Glas lenses anti reflex coated

Picture



Cable color

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

Safety Label



Valid Revision

4 | 06-JUN-2016