

Line laser, red, 635 nm, 90 °, 7 mW

LH635-7-3(12x32)
Order Number: 70102666

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		7		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	50	75	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 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	5 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing isolated
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	16.5 g

(*) Over the complete operating temperature range

Features



- Image processing
- Uniform line thickness
- Laser Class 1
- Compact size
- Glas lenses anti reflex coated

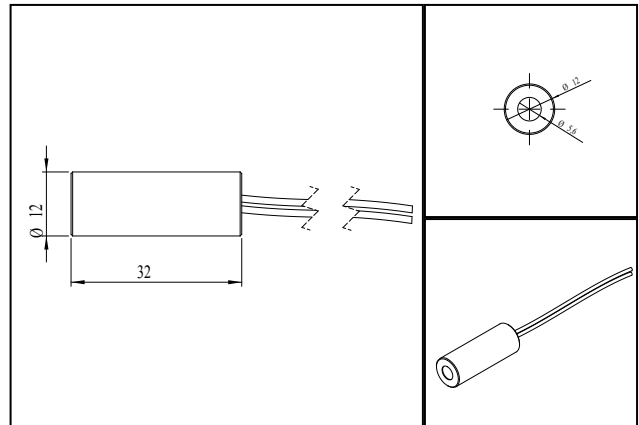
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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