

Dot laser, green, 532 nm, 1 mW

LFD532-1-3(12x60)-001
Order Number: 70105612

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	mA
Operating Temperature		15	30	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	2.5 mm
Size of Laserdot	<4mm@10m
Operating Distance	50 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	collimated
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

Mechanical Parameters

Size	Ø12x60 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3 mm
Housing Color	black
Weight	13.5 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

- Operating Voltage 3V DC
- Fixed focus
- Laser Class 2
- Compact size

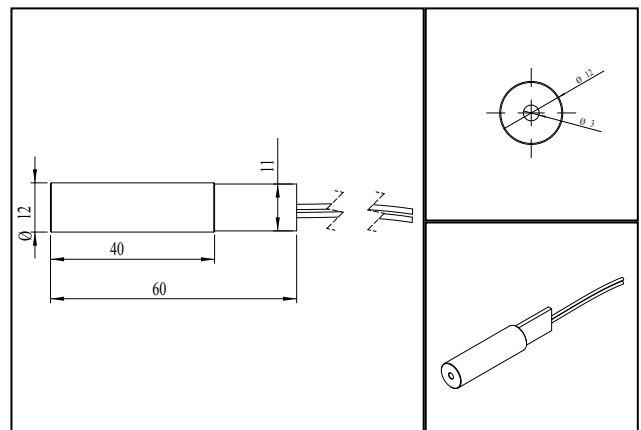
Picture



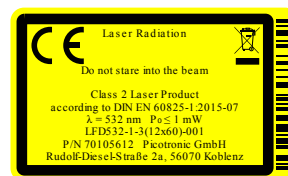
Cable color

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

Drawing



Safety Label



Valid Revision

14 | 05-MAY-2022

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