

Dot laser, green, 532nm, 5mW

LFD532-5-3(12x60)

Order Number: 70103199

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		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

Technical Parameters

Lifetime	>5000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	D - 0.5mrad
Beam Diameter	3mm
Size of Laserdot	<5mm@10m
Operating Distance	150m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 20% @ 15-30°C
Focus	collimated
Warm up time	<15min

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

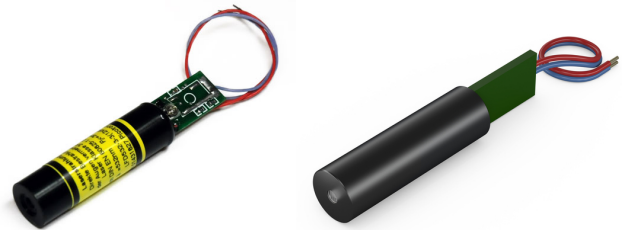
Size	Ø12x60mm
Material	aluminium
Cable length	100mm
Output Aperture	3mm
Weight	13g

(*) Over the complete operating temperature range



Features

- Operating Voltage 3V DC
- Isolated housing
- Laser Class 3R
- Compact size
- Fixed focus

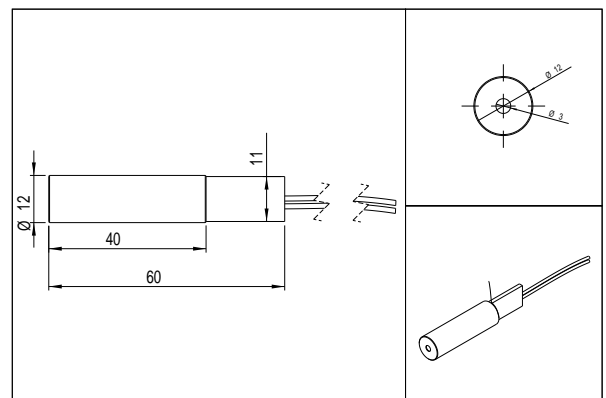
Picture



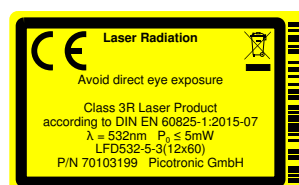
Cable Colors

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

Drawing



Safety Label



Revision

REV 1 | 29-OCT-2018

Laserfuchs is a registered trademark of the Picotronic GmbH

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