

Line laser, green, 532 nm, 60°, 5 mW

LD532-5-3(14x60)60-PL-F500
Order Number: 70104417

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

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	60°
Line Thickness	<0.5mm@0.5m
Operating Distance	0.5 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 20% @ 15-30°C
Protection Lens	yes
Focus	fixed (500mm)
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
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Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø14x60 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²
Output Aperture	5 mm
Weight	31 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Fan angle 60°
- Laser Class 1
- Fixed focus
- Protection lens

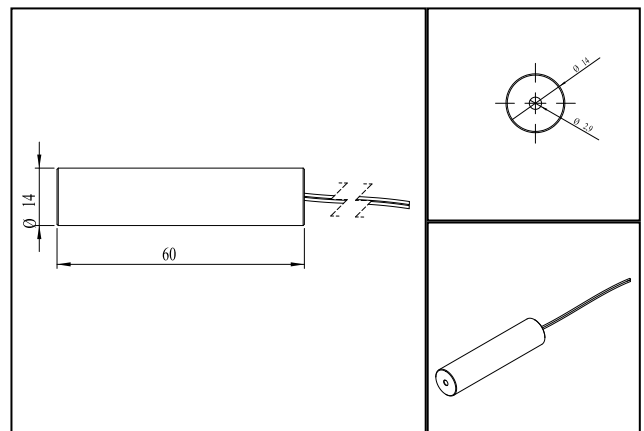
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

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