

Line laser, green, 532 nm, 90 °, 5 mW

LFL532-5-3(12x60)-F1300
Order Number: 70108927

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	50	160	350	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	Line
Laser Class	1
Divergence	D - 0.5 mrad
Fan Angle	90 °
Line Thickness	<1mm@1.3m
Operating Distance	1.3 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 10% @ 15-30°C
Focus	fixed (1300mm)
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	27 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

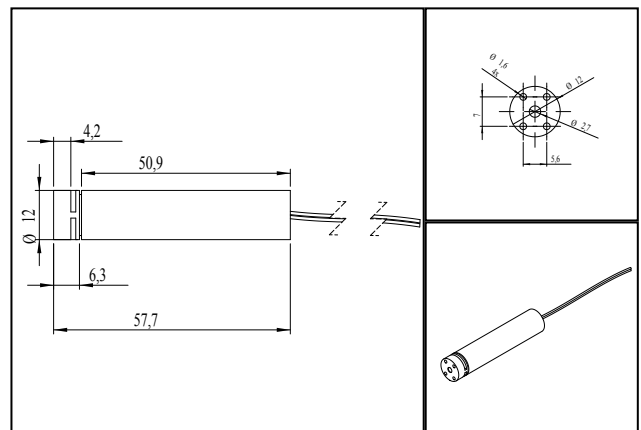
Picture



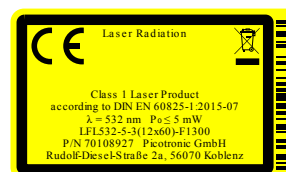
Cable color

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

Drawing



Safety Label



Valid Revision

3 | 26-APR-2023

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