

Line laser, green, 532 nm, 90°, 15 mW

LD532-15-3(20x80)
Order Number: 70101256

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		15		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	110	203	310	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2
Divergence	D - 0.5 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	fixed (3000mm)
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	5 mm
Housing Color	black
Weight	56 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- High power
- Uniform illumination
- Uniform line thickness
- Laser Class 2
- Image processing

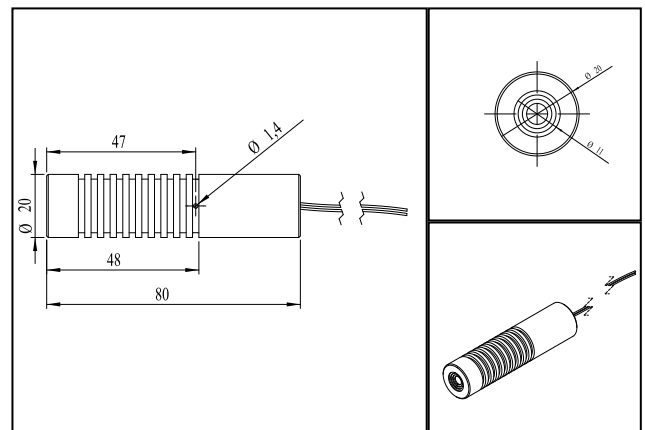
Picture



Cable color

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

Drawing



Safety Label



Valid Revision

19 | 17-APR-2024