

Expander Laser, green, 520 nm, 8 mW

PICO-GREEN-LASER-LIGHT
Order Number: 70118315

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power		8		mW
Operating Voltage	5.8	6	6.2	V DC
Operating Current	50	100	150	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 6,000 h
RoHS	yes

Optical Parameters

Beam Shape	expander
Laser Class	2M
Divergence	1 - 1.5 mrad
Size of Laserdot	<35mm@10m
Operating Distance	500 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	diode
Stability	+/- 3% @ -10-50°C
Focus	adjustable

Electrical Parameters

Potential of Housing	VDD(+)
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Mechanical Parameters

Size	Ø35x182 mm
Material	aluminium
Output Aperture	25 mm
Housing Color	black
Weight	174 g
PCB	no

(*) Over the complete operating temperature range

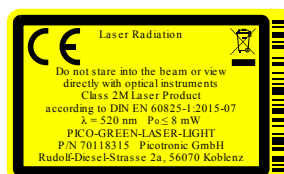
Features

- Operating Voltage 6 V DC
- Compact size
- Laser Class 2M
- High Power

Picture



Safety Label



Valid Revision

22 | 11-FEB-2021