Line laser, green, 520 nm, 30 °, 16 mW

LC520-16-3-F(14x55)30-C5000-NT
Order Number: 70151039

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		16		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	25	40	70	mA
Operating Temperature	-10		60	°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	2M
Divergence	C - 0.4 mrad
Fan Angle	30 °
Line Thickness	adjustable
Operating Distance	8 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
internal modulation frequency	1 kHz

Electrical Parameters

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

Mechanical Parameters

Size	Ø14x55 mm
Material	aluminium
Cable length	5,000 mm
Wire type	26AWG, 0,14mm²
Output Aperture	4 mm
Housing Color	black
Weight	20 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features

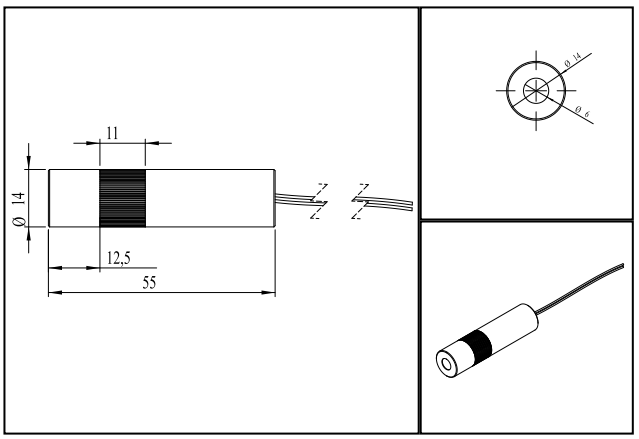
- Operating Voltage 3 V DC
- Laser Class 2M
- Adjustable focus
- Low power consumption
- Compact size

Picture

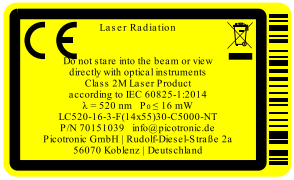
Cable color

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

Drawing



Saftey Label



Valid Revision

| 08-FEB-2021

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