

Line laser, green, 520 nm, 90°, 5 mW

L520-5-3(10x38)-F5000-C127
Order Number: 70129601

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	4	5	7	mW
Operating Voltage	3	3	7	V DC
Operating Current	50	100	120	mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Line
Laser Class	1M
Fan Angle	90°
Line Thickness	3mm@5m
Operating Distance	5m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (5.0m)

Electrical Parameters

Potential of Housing isolated
ESD Protection yes

Mechanical Parameters

Size	Ø10x38 mm
Material	aluminium
Cable length	127 mm

Wire type	26AWG, UL, isolated
Housing Color	black
Weight	5.2 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features



- Direct green 520nm
- Compact size
- Wide temperature range
- 3-7V DC

Picture



Cable color

Ground		black	GND
Positive		red	3 - 7, typ 3 V DC

Safety Label



Valid Revision

| 17-JUL-2023