



Dot laser, green, 520 nm, 1 mW

LFD520-1-3(19x86)
Order Number: 70150964

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	530	nm
Optical Diode Power	0.5	1	1	mW
Operating Voltage	3	3	3.7	V DC
Operating Current	20	50	100	mA
Operating Temperature	-20		50	°C
Storage Temperature	-20		60	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 3,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	H - 1.0 mrad
Size of Laserdot	<3..4mm@5m
Operating Distance	5m
Optics	acryl linse
Laser technology	Single Mode Diode
Axial Divergence	± 3°
Focus	fixed (5.0m)

Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A Lithium Battery, 3V 1400mAh
Battery count	1

Mechanical Parameters

Size	Ø19x86 mm
Material	aluminium
Output Aperture	6 mm
Weight	25 g

(*) Over the complete operating temperature range

Features



- Laser Class 2
- With battery
- Compact size
- Uniform line thickness
- Low cost

Picture



Safety Label



Valid Revision

| 22-MAY-2024