

Dot laser, green, 520 nm, 1 mW

DC520-1-3(10.5x37.5)-SPRING
Order Number: 70129571

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		1		mW
Operating Voltage	3	3	5	V DC
Operating Current	80	100	130	mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.4 mrad
Size of Laserdot	5mm@10m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (10.0m)

Electrical Parameters

Potential of Housing	VDD(+)
ESD Protection	yes

Mechanical Parameters

Size	Ø10.5x37.5 mm
Material	Brass
Output Aperture	5 mm
Housing Color	brass
Weight	9 g

(*) Over the complete operating temperature range

Features



Safety Label



Valid Revision

| 02-JUN-2021