

## Dot laser, green, 520 nm, 4 mW

DC520-4-3(10.5x31)-F10000-C127  
Order Number: 70129564

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		4		mW
Operating Voltage	3	3	5	V DC
Operating Current	80	100	150	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	Dot
Laser Class	3R
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	Ø10.5x31 mm
Material	Brass
Cable length	127 mm
Wire type	26AWG, UL, isolated

Output Aperture	5 mm
Housing Color	brass
Weight	9 g
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

### Features



- Direct green 520nm
- Compact size
- 3-5V DC

### Picture



### Cable color

Ground  black GND  
Positive  red 3 - 5, typ 3 V DC

### Safety Label



### Valid Revision

| 25-MAY-2020