

## Dot laser, green, 520 nm, 0.5 mW

DC520-0.5-3(8x30)-F10000  
Order Number: 70129533

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		0.5		mW
Operating Voltage	3	3	6	V DC
Operating Current	40	50	70	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	2
Divergence	0.4 mrad
Size of Laserdot	5mm@10m
Operating Distance	30 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (10.0m)

### Electrical Parameters

Potential of Housing isolated  
ESD Protection yes

### Mechanical Parameters

Size	Ø8x30 mm
Material	aluminium
Cable length	127 mm
Wire type	26AWG, UL, isolated

Output Aperture	5 mm
Housing Color	silver
Weight	4.2 g
Stripping of wire	3 mm

(\*) Over the complete operating temperature range

### Features



### Picture



### Cable color

Ground		black	GND
Positive		red	3 - 6, typ 3 V DC

### Safety Label



### Valid Revision

| 11-FEB-2019