

## Dot laser, green, 520nm, 1mW

DC520-1-3(8x30)-F10000-C127

Order Number: 70129519

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		1		mW
Operating Voltage	3	3	6	V DC
Operating Current		100		mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

### Technical Parameters

Lifetime	>10000h
RoHS	yes

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.4mrad
Size of Laserdot	5mm@10m
Operating Distance	10000m
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	Ø8x30mm
Material	aluminium
Cable length	127mm
Wire type	26AWG, UL, isolated
Output Aperture	5mm
Housing Color	black
Weight	2.5g
Stripping of wire	3mm

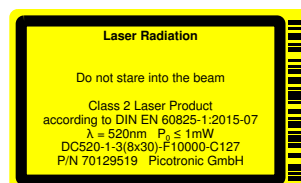
(\*) Over the complete operating temperature range

## Features

### Cable Colors

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

### Safety Label



### Revision

| 09-APR-2019