

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

MDD520-1-3(22x105)-S-AP-QCW  
Order Number: 70122343

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	70	90	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime >6,000h  
RoHS yes

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	3mm
Size of Laserdot	<4mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Axial Divergence	±0.1°
Focus	collimated
internal modulation frequency	1 kHz

### Electrical Parameters

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

Battery count 1

### Mechanical Parameters

Size	Ø22x105 mm
Material	aluminium
Output Aperture	3.5 mm
Housing Color	black
Weight	74 g

(\*) Over the complete operating temperature range

### Features



- Axial parallel
- With battery
- Glas lenses anti reflex coated
- Compact size
- Laser Class 2

### Picture



### Safety Label



### Valid Revision

| 05-JUL-2024