

Dot laser, green, 520nm, 1mW

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	70	80	90	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Technical Parameters

Lifetime	>6000h
RoHS	yes

Optical Parameters

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

Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A

Mechanical Parameters

Size	Ø22x105mm
Material	aluminium
Output Aperture	3.5mm
Housing Color	black
Weight	74g

(*) Over the complete operating temperature range

Features

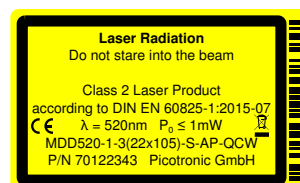


- Axial parallel
- With battery
- Glas lenses anti reflex coated
- Compact size
- Laser Class 2

Picture



Safety Label



Revision

| 26-JAN-2017