

Dot laser, green, 520 nm, 0.4 mW

MDD520-0.4-3(22x105)-S-AP-QCW
Order Number: 70133608

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power		0.4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	30	50	70	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	D - 0.5 mrad
Beam Diameter	3 mm
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
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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 1

Picture



Safety Label



Valid Revision

| 05-JUL-2024