

Dot laser, green, 520 nm, 5 mW

DG520-5-5(6x19)-QCW
Order Number: 70118421

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		5		mW
Operating Voltage	3.5	5	7	V DC
Operating Current	120	150	170	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	3R
Divergence	G - 0.8 mrad
Size of Laserdot	<8mm@10m
Operating Distance	30 m
Optics	glass lens AR coated
Laser technology	diode
Focus	collimated
internal modulation frequency	1 kHz

Electrical Parameters

Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.
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Mechanical Parameters

Size	Ø6x19 mm
Material	aluminium
Cable length	100 mm

Output Aperture	2 mm
Housing Color	black
Weight	3 g
PCB	yes
PCB size	Ø18x7 mm

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 2
- Compact size
- Modulated

Picture



Cable color

Ground		blue	GND
Positive		red	3.5 - 7, typ 5 V DC

Safety Label



Valid Revision

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