

Dot laser, green, 520nm, 5mW

DG520-5-5(6.2x20.5)-QCW

Order Number: 70118452

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		5		mW
Operating Voltage	4.5	5	7	V DC
Operating Current	30	60	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	3R
Divergence	G - 0.8mrad
Size of Laserdot	<8mm@10m
Operating Distance	40m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	collimated
internal modulation frequency	1Kilohertz

Electrical Parameters

Power Supply	LFNT-5
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Mechanical Parameters

Size	Ø6.2x20.5mm
Material	aluminium
Cable length	100mm
Output Aperture	2mm
Housing Color	black
Weight	3g
PCB	yes
PCB size	Ø7x18mm

(*) Over the complete operating temperature range

Features





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

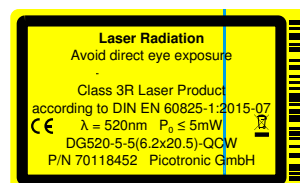
Picture



Cable Colors

Ground		blue	GND
Positive		red	4.5 - 7, typ 5V DC

Safety Label



Revision

REV 2 | 21-DEC-2017