

Dot laser, green, 520nm, 5mW

DG520-5-5(8x35)-QCW

Order Number: 70118445

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	525	nm
Optical Output Power		5		mW
Operating Voltage	4.7	5	5.3	V DC
Operating Current	120	150	200	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	30m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50 °C
Focus	collimated
internal modulation frequency	1Kilohertz

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø8x35mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm ²
Output Aperture	3mm
Housing Color	black
Weight	16g
Stripping of wire	5mm

(*) Over the complete operating temperature range

Features





- Operating Voltage 5V DC
- Compact size
- Laser Class 3R
- High Power
- Fixed focus

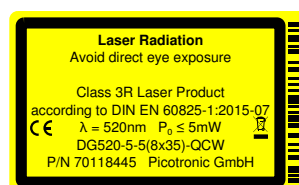
Picture



Cable Colors

Ground		blue	GND
Positive		red	4.7 - 5.3, typ 5V DC

Safety Label



Revision

REV 22 | 20-OCT-2016