

Dot laser, green, 520 nm, 5 mW

DD520-5-5(12x35)-QCW-DOE
Order Number: 70123692

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		5		mW
Operating Voltage	3	5	7	V DC
Operating Current	150	200	230	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	D - 0.5 mrad
Size of Laserdot	<8mm@10m
Operating Distance	20 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Focus	collimated
internal modulation frequency	1 kHz

Electrical Parameters

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

Mechanical Parameters

Size	Ø12x35 mm
Material	aluminium
Cable length	100 mm

Wire type	26AWG, 0,14mm²
Output Aperture	3 mm
Housing Color	black
Weight	16 g
PCB	yes
PCB size	22x12x2.4 mm
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- For 8mm DOE
- Low Power consumption
- Direct green 520nm

Picture



Cable color

Ground		black	GND
Positive		red	3 - 7, typ 5 V DC

Safety Label



Valid Revision

| 14-JUN-2016