

## Dot laser, green, 520nm, 5mW

DA520-5-3(12x55)-QCW

Order Number: 70118698

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	15	50	70	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	A - 0.1mrad
Size of Laserdot	adjustable
Operating Distance	100m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
internal modulation frequency	1Kilohertz

### Electrical Parameters

Potential of Housing	isolated
----------------------	----------

### Mechanical Parameters

Size	Ø12x55mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5mm
Housing Color	black
Weight	13g
Stripping of wire	5mm

(\*) Over the complete operating temperature range

### Features




- Isolated housing
- Laser Class 3R
- Compact size
- Anti-reflex coating

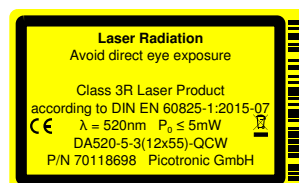
### Picture



### Cable Colors

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3V DC

### Safety Label



### Revision

| 06-JAN-2017