

Dot laser, green, 520 nm, 1 mW

DC520-1-3(10.5x31)-F10000-C127
Order Number: 70129557

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	0.7	1	1	mW
Operating Voltage	3	3	5	V DC
Operating Current	10	35	60	mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

Main Data

Warranty 1 Jahre

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.4 mrad
Size of Laserdot	5mm@10m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (10.0m)

Electrical Parameters

Potential of Housing VDD(+)
ESD Protection yes

Mechanical Parameters

Size	Ø10.5x31 mm
Material	Brass
Cable length	127 mm
Wire type	26AWG, UL, isolated
Output Aperture	5 mm
Housing Color	brass
Weight	9 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features



- Direct green 520nm
- Compact size
- 3-5V DC

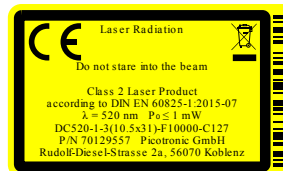
Picture



Cable color

Ground		black	GND
positive		red	3 - 5, typ 3 V DC

Safety Label



Valid Revision

| 25-MAY-2020