

Dot laser, green, 520 nm, 1 mW

DC520-1-6(8x30)-F10000-C127
Order Number: 70129519

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	0.5	1	1	mW
Operating Voltage	3	6	6	V DC
Operating Current	20	35	50	mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

Main Data

Warranty 1 years

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 isolated
ESD Protection yes

Mechanical Parameters

Size	Ø8x30 mm
Material	aluminium
Cable length	127 mm
Wire type	26AWG, UL, isolated

Output Aperture	5 mm
Housing Color	black
Weight	2.5 g
Stripping of wire	3 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	3 - 6, typ 6 V DC

Safety Label



Valid Revision

| 25-MAY-2020