

Dot laser, green, 520nm, 0.5mW

DC520-0.5-3(8x30)-F10000

Order Number: 70129533

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		0.5		mW
Operating Voltage	3	3	6	V DC
Operating Current	40	50	70	mA
Operating Temperature	-20		60	°C
Storage Temperature	-20		85	°C

Technical Parameters

Lifetime	>10000h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.4mrad
Size of Laserdot	5mm@10m
Operating Distance	30m
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	Ø8x30mm
Material	aluminium
Cable length	127mm
Wire type	26AWG, UL, isolated
Output Aperture	5mm
Housing Color	silver
Weight	4.2g
Stripping of wire	3mm

(*) Over the complete operating temperature range

Features



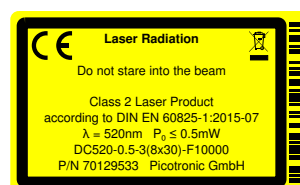
Picture



Cable Colors

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

Safety Label



Revision

| 11-JUL-2018