

Green Dot Lasermodule

DG520-1-3(8x35)

Order Number: 70118285

Parameter	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	150	200	mA

Parameter	Value
Beam Shape	Dot
Laser Class	2
Divergence	0.8mrad
Size of Laserdot	<8mm@10m
Operating Distance	50m
Optics	glass lens AR coated
Laser technology	Diode
Stability	+/- 3% @ -10-50C
Size	Ø8x35mm
Material	Aluminium
Cable length	100mm
Focus	fixed
Output Aperture	3mm
Lifetime	>6000h
RoHS	yes
Housing Color	black
Operating Temperature	-10 °C - 60 °C
Storage Temperature	-40 °C - 80 °C
Weight	16g
Power Supply	LFNT-3
PCB	yes

Features



- Operating Voltage 3V DC
- Compact size
- Laser Class 2
- High Power
- Fixed focus

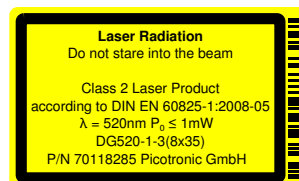
Picture



Cable Colors

Ground		blue	GND
Positive		red	+3 V DC

Safety Label



Revision

REV 22