

Dot laser, green, 520 nm, 0.7 mW

DE520-0.7-5(6.5x22)
Order Number: 70141115

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power	0.5	0.7	0.9	mW
Operating Voltage	3	5	6	V DC
Operating Current	45	60	100	mA
Operating Temperature	-20		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	E - 0.6 mrad
Beam Diameter	7 mm
Size of Laserdot	5..7mm@10m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Focus	collimated

Electrical Parameters

Potential of Housing	VDD(+)
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size Ø6.5x22 mm

Material	Brass
Cable length	115 mm
Output Aperture	4.3 mm
Housing Color	brass
Weight	2.8 g

(*) Over the complete operating temperature range

Features



- Laser Class 2
- Operating Voltage 3-6V DC
- Compact size

Picture



Cable color

Ground		black	GND
Positive		red	3 - 6, typ 5 V DC

Safety Label



Valid Revision

| 06-SEP-2022