

Dot laser, green, 520 nm, 0.4 mW

DI520-0.4-3(8x25)-QCW
Order Number: 70121841

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power		0.4		mW
Operating Voltage	2.4	3	3.3	V DC
Operating Current	20	35	50	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 5,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	1
Divergence	1 - 1.5 mrad
Beam Diameter	2 mm
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable
internal modulation frequency	1 kHz

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø8x25 mm
Material	aluminium

Cable length	100 mm
Output Aperture	2 mm
Housing Color	black
Weight	3 g
PCB	yes
PCB size	10x10x2 mm

(*) Over the complete operating temperature range

Features



- Operating current 35mA

Picture



Cable color

Ground		black	GND
Positive		red	2.4 - 3.3, typ 3 V DC

Safety Label



Valid Revision

| 12-AUG-2021