

Dot laser, green, 520 nm, 0.1 mW

DH520-0.1-5(12x50)-F300-USB-A
Order Number: 70146943

Main Parameters (*)	min	typ	max	Unit
Wavelength		520		nm
Optical Output Power		0.1		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	25	50	100	mA
Operating Temperature	-20		50	°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	1
Divergence	H - 1.0 mrad
Size of Laserdot	<0.6mm@0.3m
Operating Distance	0.3 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed (300mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-USB-A

Mechanical Parameters

Size	Ø12x50 mm
Material	aluminium
Cable length	400 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	1 mm
Housing Color	black
Weight	24 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5 V DC
- Isolated housing
- Laser Class 1
- Fixed focus
- Compact size

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC

Safety Label



Valid Revision

| 12-AUG-2021