

Dot laser, green, 520 nm, 50 mW

DB520-50-5(20x60)
Order Number: 70148053

Main Parameters (*)	min	typ	max	Unit
Wavelength	510	520	530	nm
Optical Output Power	42	50	50	mW
Operating Voltage		5		V DC
Operating Current	250	300	400	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	>6,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	0.2 mrad
Size of Laserdot	<4mm@5m
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (5.0m)

Electrical Parameters

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

Mechanical Parameters

Size	Ø20x60 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, UL, isolated
Output Aperture	5 mm
Weight	43 g

(*) Over the complete operating temperature range

Features



- Compact size
- High power
- Operating Voltage 5V DC

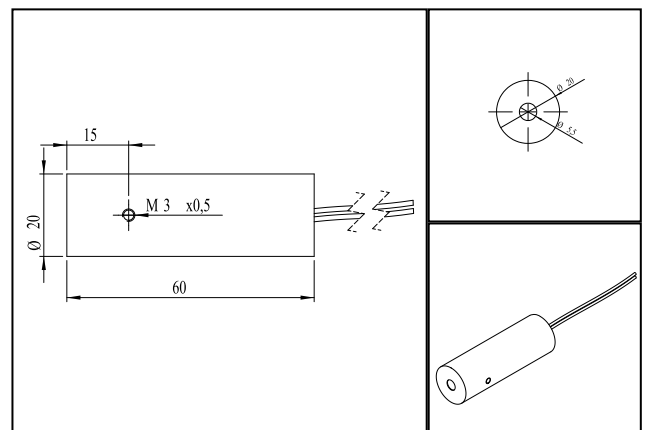
Picture



Cable color

Ground		black	GND
Positive		red	5 V DC

Drawing



Safety Label



Valid Revision

| 25-AUG-2020