

Dot laser, red, 658 nm, 40 mW

MDC658-40-5(12x31)
Order Number: 70116083

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power		40		mW
Operating Voltage		5		V DC
Operating Current	40	80	120	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3B
Divergence	C - 0.4 mrad
Size of Laserdot	3mm@100mm
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	diode
Focus	collimated

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	1 kHz

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

Size	Ø12x31 mm
Material	aluminium
Cable length	250 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	3 mm

Weight	22.3g
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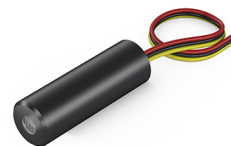
(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Compact size
- High Power
- Adjustable focus
- Laser Class 3B

Picture



Cable color

Ground		black	GND
Positive		red	5 V DC
Modulation		yellow	1 kHz

Safety Label



Valid Revision

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