

Dot laser, red, 670 nm, 2 mW

MD670-2-5(12x34)
Order Number: 70100952

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		2		mW
Operating Voltage		5		V DC
Operating Current		50		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	3R
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	20 m
Optics	glass lens AR coated
Laser technology	diode
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Max. Mod. Frequency	200 kHz

Mechanical Parameters

Size	Ø12x34 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	5 mm
Housing Color	black
Weight	17 g

(*) Over the complete operating temperature range




Features



Picture



Cable color

Ground		black	GND
Positive		red	5 V DC
Modulation		yellow	200 kHz

Safety Label



Valid Revision

0 | 20-MAR-2013