

Dot laser, red, 670 nm, 3 mW

MB670-3-5(16x45)
Order Number: 70100686

Main Parameters (*)	min	typ	max	Unit
Wavelength		670		nm
Optical Output Power		3		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	30	45	mA
Operating Temperature	-20		50	°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	3R
Divergence	B - 0.3 mrad
Size of Laserdot	adjustable
Operating Distance	30 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	Ø16x45 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm ²

Output Aperture	6.8 mm
Housing Color	black
Weight	23.5 g

(*) Over the complete operating temperature range

Features






- Operating Voltage 5V DC
- Laser Class 3R
- Glas lenses anti reflex coated
- Adjustable focus
- Modulated

Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	200 kHz

Safety Label



Valid Revision

0 | 20-MAR-2013