Dot laser, red, 635 nm, 3 mW

MB635-3-5(16x45)
Order Number: 70100631

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		3		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	15	25	40	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
Power Supply	Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size	Ø16x45 mm
Material	aluminium
Cable length	100 mm
Output Aperture	8 mm
Weight	23 g

(*) Over the complete operating temperature range

Features

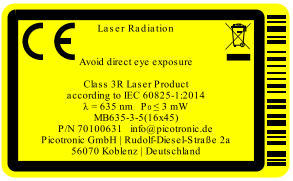
- Operating Voltage 5 V DC
- Laser Class 3R
- Adjustable focus
- Glas lenses anti reflex coated
- Modulated

Picture

Cable color

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

Saftey Label



Valid Revision

1 | 22-APR-2013

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