



635nm Laser Module

<1mW, <5mW, <10mW

Red laser, Spot beam, Cost effective

Model: LDM635-A-8-16-P-1-63

* A – power(mW), B – diameter(mm), C – length(mm)

Features:

- Red dot laser
- Auto power control (APC) driver. Laser output power keeps steady.
- PCB enveloped by black heat shrinkable tube.
- Cost effective.
- Ultra compact size.
- More wavelength with this design: 650nm, 850nm

Specifications:

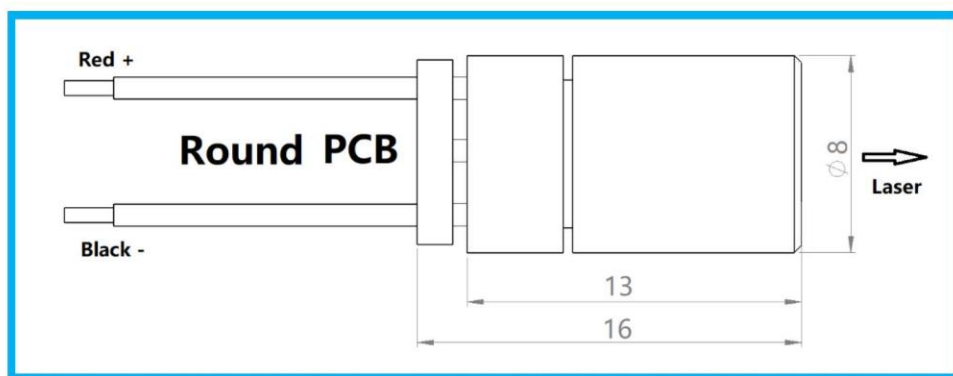
No	Parameters	Value
1	Peak Wavelength	635nm
2	Operation Voltage	3-6V
3	Operation Current	<35mA @ <1mW <40mA @ <3mW <65mA @ <7mW
4	Output Power	<1mW, <3mW, <7mW
5	Collimating Lens	Plastic
6	Divergence (Full angle)	<0.5mrad, <1mrad or customized
7	Spot Size at 10m	5mm, 10mm, or customized
8	Operation Temperature	-10℃ ~ +40℃
9	Storage Temperature	-40℃ ~ +85℃
10	Dimension	Diameter: 8mm, Length: >16mm
11	Housing	Brass
12	Mean time to failure(MTTF) 25℃	10000hrs



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Cautions

- Do not operate the device above the maximum rating condition, even momentarily. It may cause unexpected permanent damage to the device
- Semiconductor laser device is very sensitive to electrostatic discharge. High voltage spike current may change the characteristics of the device, or malfunction at any time during its service period. Therefore, proper measures for preventing electrostatic discharge are strongly recommended.



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