



Small Dot Red Laser Module

<1, 3, 7mW

Red laser, Spot beam, Small Beam Divergence

Model: LDM6xx-A-B-45-G-1-3

Features:

- Red dot laser
- Auto power control (APC) driver. Laser output power keeps steady.
- Full metal jacket protection.
- Small beam divergence.

Specifications:

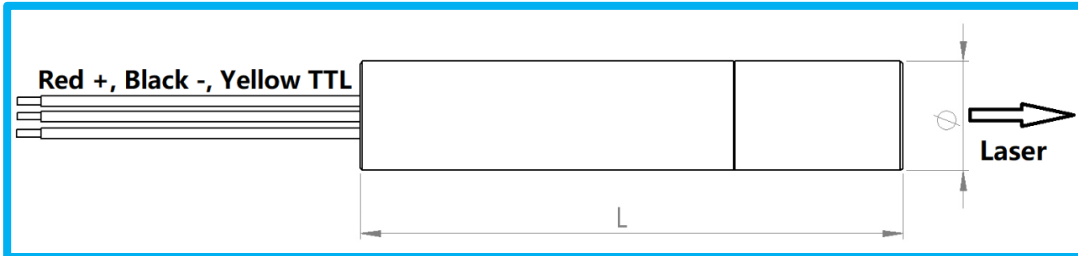
No	Parameters	Value
1	Peak Wavelength	635, 650nm
2	Operation Voltage	2.6-6V
3	Operation Current	<22mA(650nm), <40mA(635nm)
4	Output Power	<1mW, <3mW, <7mW
5	Collimating Lens	Glass
6	Divergence (Full angle)	<0.5mrad
7	Spot Size at 10m	5mm
8	Operation Temperature	-10 °C ~ +60 °C
9	Storage Temperature	-40 °C ~ +85 °C
10	Dimension	Φ9x45mm
11	Operation Mode	APC
12	Housing	Black Anodized Aluminum
13	Mean time to failure(MTTF) 25 °C	10000hrs



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Standard Products:

Part Number	Description
LDM635-1-9-45-G-1-34	635nm, spot laser, <1mW, Φ 9x45mm, Glass lens
LDM650-1-9-45-G-1-34	650nm, spot laser, <1mW, Φ 9x45mm, Glass lens

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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