



Φ9x39mm Laser Module

Spot beam, Full Spectrum optional

Single Housing, TTL optional

Model: LDMXXX-A-9-39-G-1-2

** XXX –Wavelength, A –Power(mW)*

Features:

- Full spectrum optional
- Auto power control (APC) driver. Laser output power keeps steady.
- Packaged in a single housing, best protection.
- TTL optional

Specifications:

No	Parameters	Value
1	Peak Wavelength	Full spectrum optional
2	Operation Voltage	Upon laser diode
3	Operation Current	Upon laser diode
4	Output Power	Upon request
5	Collimating Lens	Glass
6	Divergence (Full angle) *	<0.5mrad, <1mrad or customized
7	Spot Size at 10m	5mm, 10mm, or customized
8	Operation Temperature	Upon laser diode
9	Storage Temperature	Upon laser diode
10	Dimension	Φ9x39mm
11	Housing	Brass or Anodized Aluminum
12	Mean time to failure(MTTF) 25 ℃	10000hrs

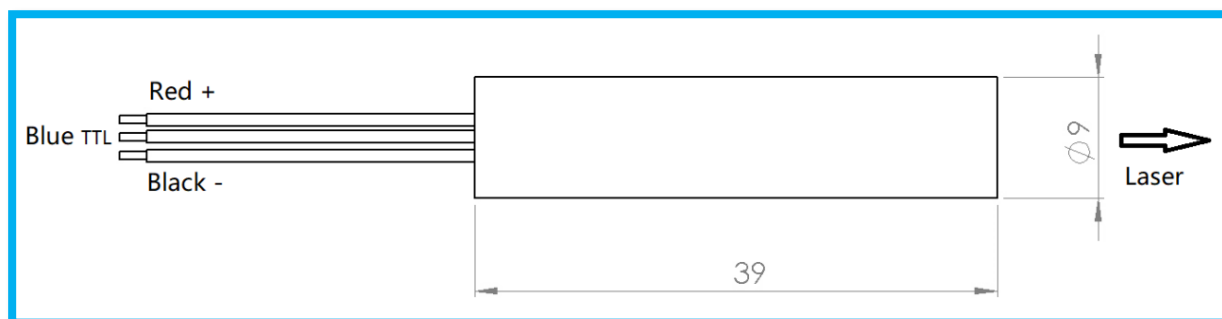
* Smaller divergence means smaller spot size, longer laser module length



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Standard Products:

Part Number	Description
LDM450-A-9-39-G-1-26	450nm, spot laser, <80mW, Φ9x39mm, Glass lens
LDM520-5-9-39-G-1-26	520nm, spot laser, <5mW, Φ9x39mm, Glass lens
LDM520-10-9-39-G-1-26	520nm, spot laser, <10mW, Φ9x39mm, Glass lens
LDM635-1-9-39-G-1-20	635nm, spot laser, <1mW, Φ9x39mm, Glass lens
LDM635-5-9-39-G-1-20	635nm, spot laser, <5mW, Φ9x39mm, 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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