



850nm Focus Adjustable Laser Module

<1mW, <5mW

IR laser, Spot beam, Focus Adjustable

Model: 850-A-9-40-G-1A-9

* A – power(mW)

Features:

- IR dot laser
- Auto power control (APC) driver. Laser output power keeps steady.
- Focus adjustable
- More wavelength with this design: 405~1600nm

Specifications:

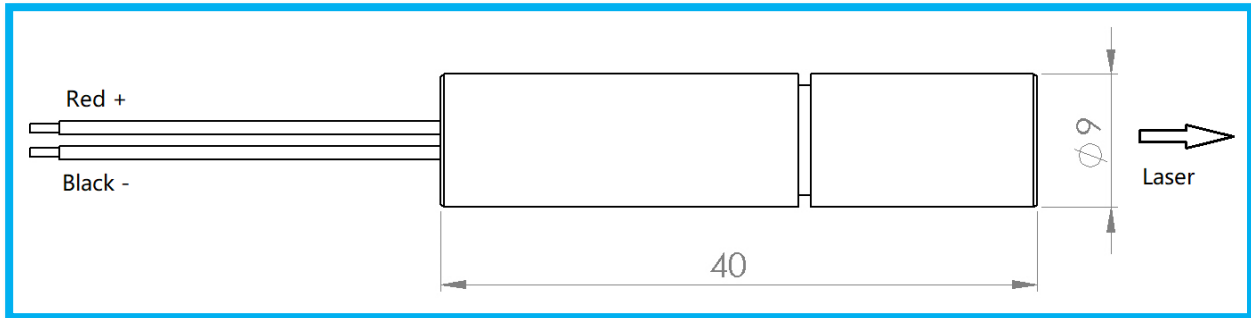
No	Parameters	Value
1	Peak Wavelength	850nm
2	Operation Voltage	2.6~6V
3	Operation Current	<30mA
4	Output Power	<1mW, <5mW
5	Collimating Lens	Glass
6	Focus Range	1m ~ ∞ or customized
7	Operation Temperature *	-10 ℃ ~ +50 ℃
8	Storage Temperature	-40 ℃ ~ +85 ℃
9	Dimension	Φ9x40mm
10	Housing	Brass or Anodized Aluminum
11	Mean time to failure(MTTF) 25 ℃	10000hrs



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Standard Products:

Part Number	Description
LDM850-A-9-40-G-1A-91	850nm, Spot Laser, $\Phi 9 \times 40$ mm, Glass lens, Focus Adjustable

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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