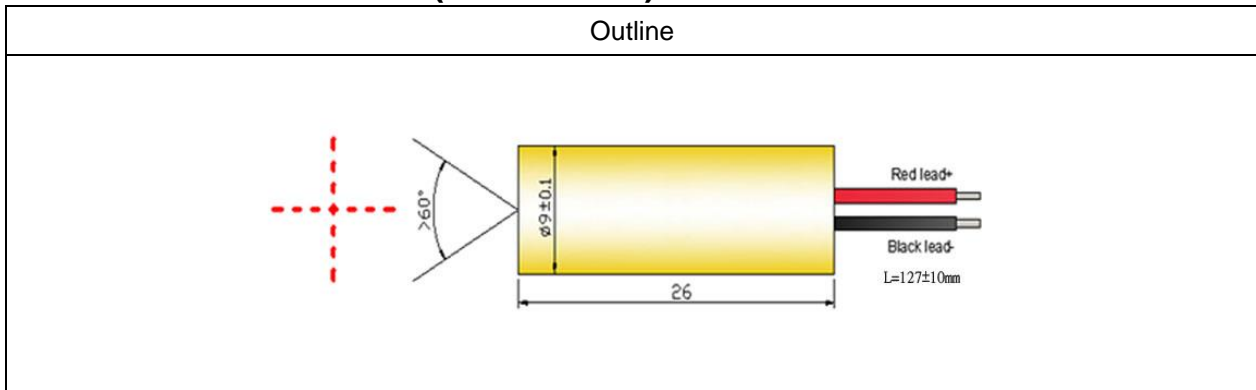


VLM-520-29 Series

OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

SPECIFICATIONS		520-29	
		LPT	LPA
1	Dimensions	Φ9 x 26 mm (Φ0.354" x 1.024")	
2	Operating voltage (Vop)	7V~10V	
3	Operating current (Iop)	<80mA	<100mA
4	Continuous wave output power(Po)	<1mW	<5mW
5	Wavelength at peak emission (λp)	505~530nm	
6	Wavy lens	Plastic Lens	
7	Collimating lens	Aspherical plastic lens(ø5)	
8	Laser line Width	1mm@40cm	
9	Laser line accuracy	80" (+/- 2mm @5m)	
10	Emitting angle	> 60°	
11	Operating temp. range	+20°C ~+50°C	
12	Storage temp. range	-20°C ~+65°C	
13	Housing	Brass	
14	Mean time to failure (MTTF) 25°C	10000hrs	

Note : Laser module housing is an electrical positive surface, it is imperative that contact between the laser module and the machine be avoided. This is to prevent damage from the machine electrical leakage. Surge protected power supply to the laser module is strongly recommended.