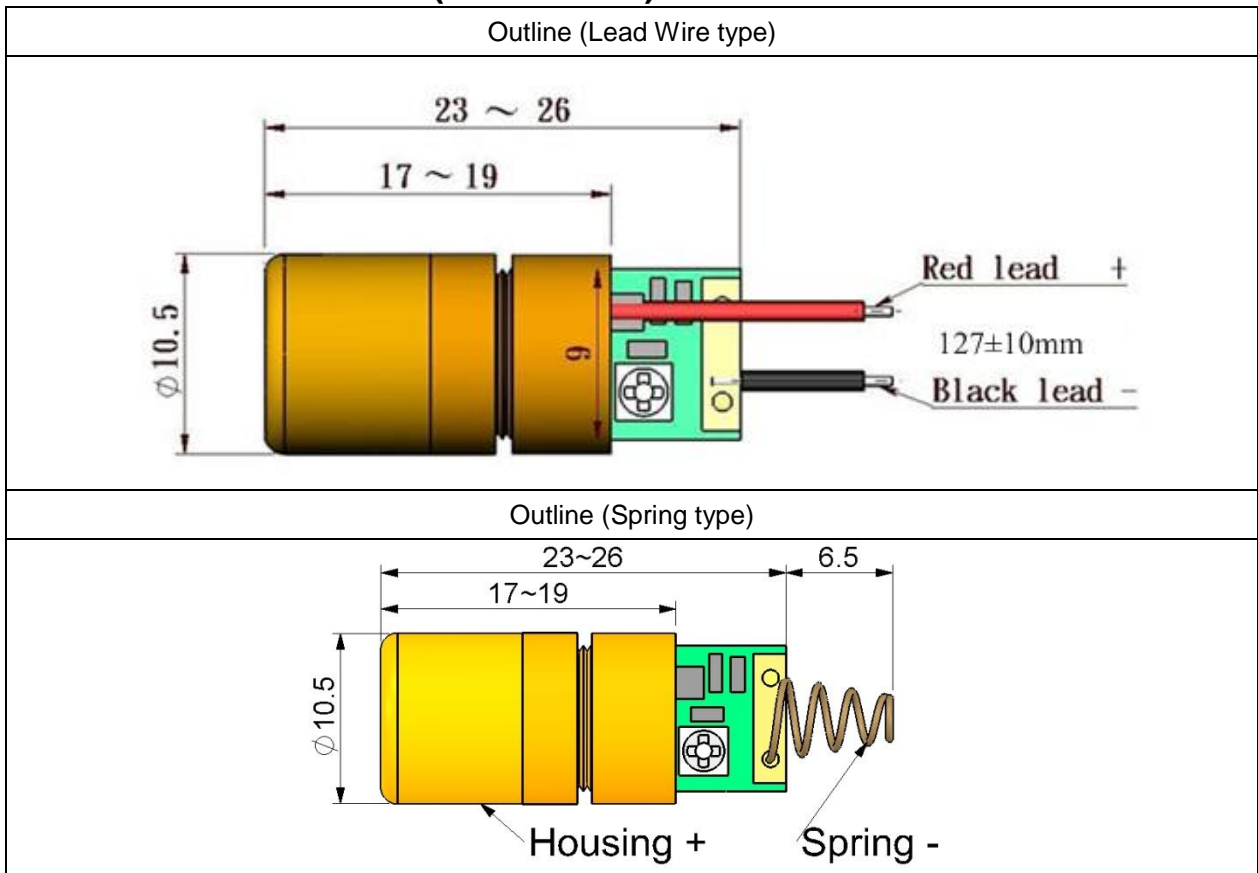


## VLM-520-02 Series

### OUTLINE DIMENSIONS (UNITS: mm)



### SPECIFICATIONS

SPECIFICATIONS		520-02	
		LPT	LPA
1	Dimensions	Φ10.5 x 26 mm (Φ0.413" x 1.023")	
2	Operating voltage (Vop)	7V~10V	
3	Operating current (Iop)	<80mA	<100mA
4	Continuous wave output power (Po)	<1mW	<4mW
5	Wavelength at peak emission (λp)	505~530nm	
6	Collimating lens	Aspherical plastic lens(ø7)	
7	Focus Range	100mm ~ Infinity	
8	Spot size at 5M		
9	Divergence (Half Angle)	0.5 mrad	
10	Operating temp. range	+10°C ~+40°C	
11	Storage temp. range	-20°C ~+65°C	
12	Housing	Brass	
13	Mean time to failure (MTTF) 25°C	5000hrs	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