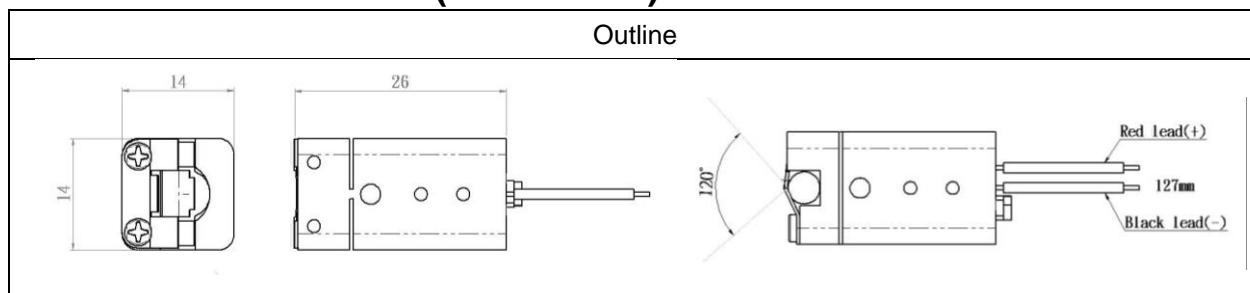


VLM-520-37 Series

OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

SPECIFICATIONS		520-37	
		LPT	LPA
1	Dimensions	(W)14 x (H)14 x (L)26 mm (W 0.551" x H 0.551" x H 1.023")	
2	Weight	11g	
3	Operating voltage (Vop)	7-12VDC	
4	Operating current (Iop)	<80mA	<120mA
5	Continuous wave output power (Center)	<1mW	<5mW
6	Wavelength at peak emission (λ_p)	505~530nm	
7	Cylindrical lens	Quartz cylindrical lens (ϕ 4)	
8	Collimating lens	Glass lens(ϕ 7)	
9	Beam Shape	Line	
10	Laser line Width	2 \pm 1mm @5m, 4 \pm 1mm @10m	
11	Laser line accuracy	20" (+/- 1mm @10m)	
12	Emitting angle	> 120°	
13	Operating temp. range	+20°C ~+50°C	
14	Storage temp. range	-40°C ~+70°C	
15	Housing Material	Aluminum	
16	Housing Color	Black	
17	Potential of Housing	Insulated	
18	Wire Type	UL1007-26AWG	
19	Cable length	127mm	
20	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.