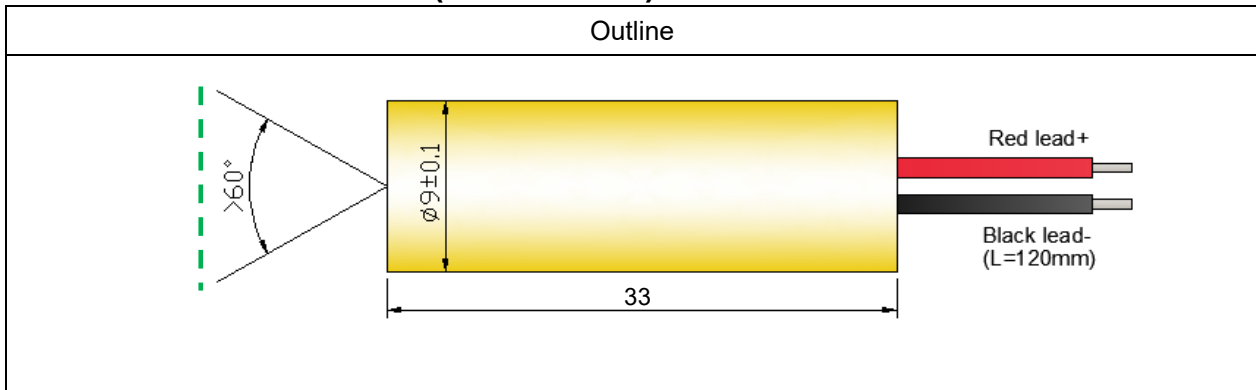


VLM-520-28 Series

OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

SPECIFICATIONS		VLM-520-28
1	Dimensions	Φ9 x 33 mm(Φ0.354" x 1.299")
2	Operating voltage (Vop)	3~6 VDC
3	Operating current (Iop)	< 100mA
4	Continuous wave output power	<1mW
5	Wavelength at peak emission (λp)	510~530nm
6	Wavy lens	Plastic lens
7	Collimating lens	Aspherical plastic lens
8	Beam Shape	Line
9	Laser line Width	1.2mm@1m
10	Laser line accuracy	80" (+/- 2mm @5m)
11	Emitting angle	> 60°
12	Operating temp. range	+15°C ~ +30°C (Room Temperature)
13	Storage temp. range	-20°C ~+65°C
14	Housing	Brass
15	Potential of Housing	VDD(+)
16	Wire Type	1007-26AWG
17	Cable length	120±10mm
18	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.