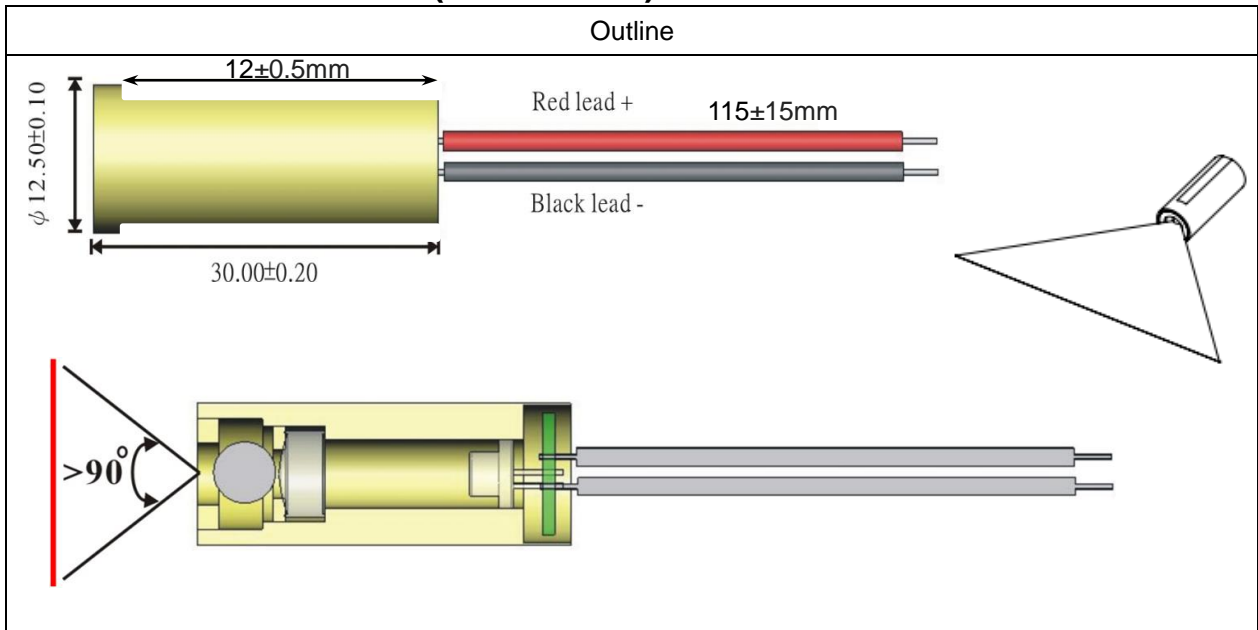


## VLM-635-27 Series

### OUTLINE DIMENSIONS (UNITS: mm)



### SPECIFICATIONS

SPECIFICATIONS		VLM-635-27 LPT-10
1	Dimensions	Φ12.5 x 30 mm (Φ0.492" x 1.181")
2	Operating voltage (Vop)	2.6~5 VDC
3	Operating current (Iop)	< 55mA
4	Continuous wave output power (Center)	<1mW
5	Continuous wave output power (Total)	4mW
6	Wavelength at peak emission (λp)	630~645nm
7	Cylindrical lens	Quartz cylindrical lens (ø5)
8	Collimating lens	Aspherical plastic lens(ø7)
9	Laser line Width	3 ±0.5mm @5m, 6 ±0.5mm @10m
10	Laser line accuracy	40" (+/- 1mm @5m)
11	Emitting angle	> 90°
12	Operating temp. range	+10°C ~+40°C
13	Storage temp. range	-20°C ~+65°C
14	Housing	Brass
15	Mean time to failure (MTTF) 25°C	5000hrs

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.