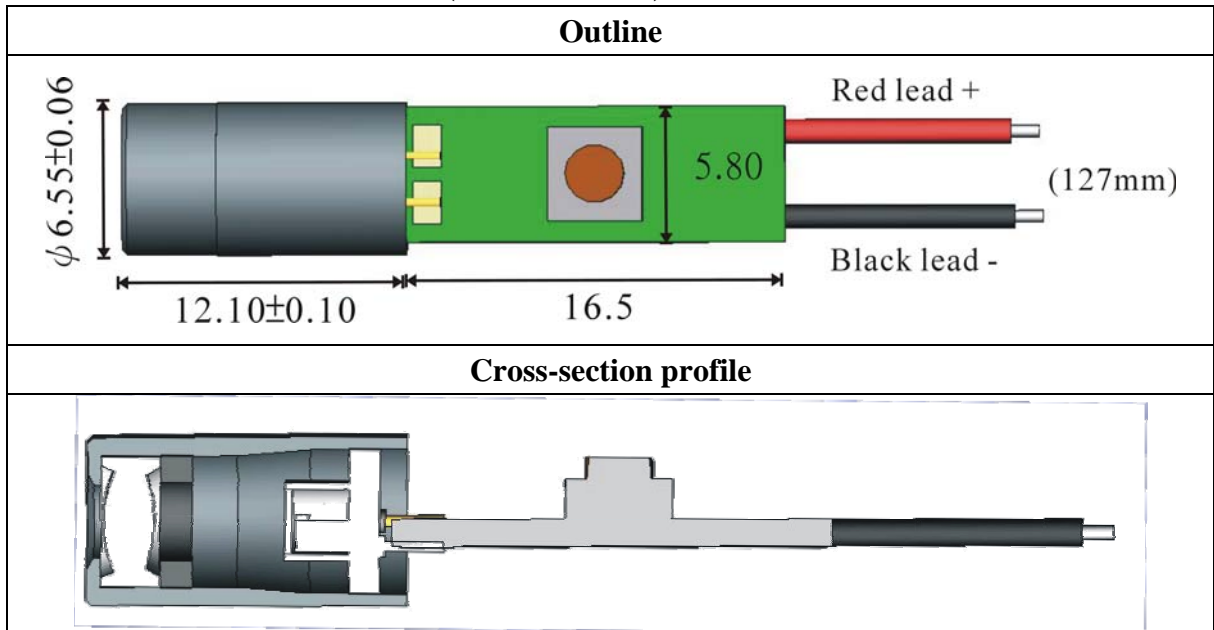


# MODEL TYPE

## VLM-635-05 LPA / VLM-650-05 LPA

### OUTLINE DIMENSIONS (UNITS: mm)



1. Miniature, the slimmest laser diode module.
2. For general laser sighting applications. With the APC driver circuit and a built-in switch on the PCB.
3. Options: Connection type: Spring / Lead wire (Spring type: by order).  
Output power: Class II-less than 1mW / Class IIIa – less than 5mW.
4. E.S.D. protection 15KV.

SPECIFICATIONS	635-05	650-05
Operating voltage (Vop)	3~5V	
Operating current (Iop)	40±15mA	
Cw output power (Po)	≤2.5mW	
Wavelength at peak emission (λp)	630~645nm	645~665nm
Collimating lens	Aspherical plastic (φ5)	
Housing	Zinc alloy	
Spot size at 5M	6±2mm	
Divergence	2.0mrad	
Mean time to failure (MTTF) 2.5mW 25°C	5000hrs	10000hrs
Operating temp. range	+10°C~+30°C	
Storage temp. range	-20°C~+65°C	