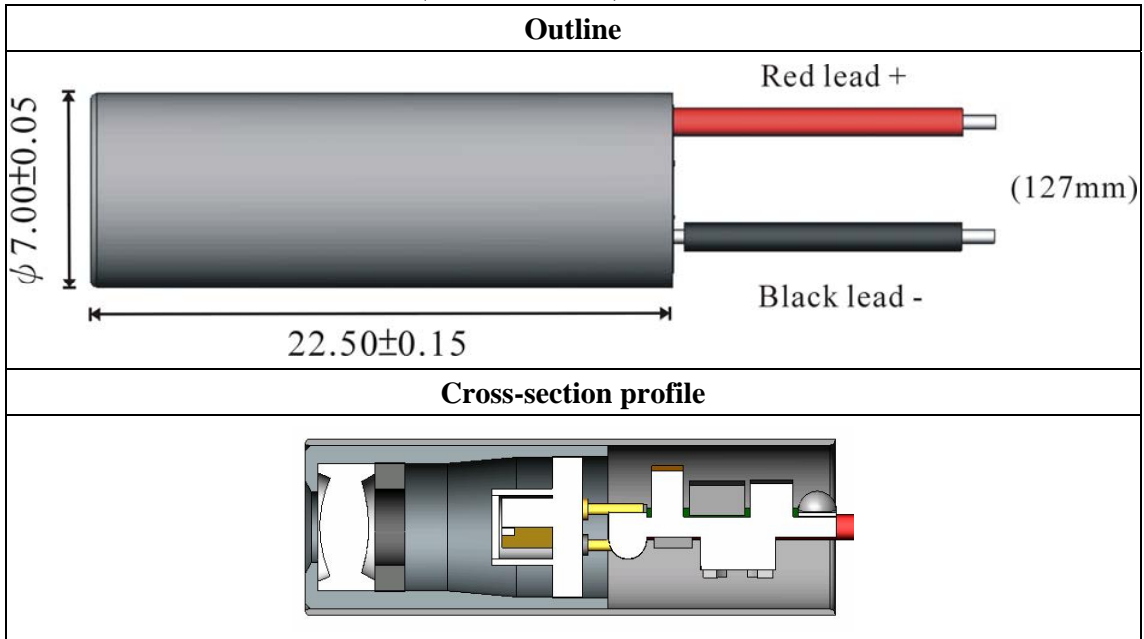


# MODEL TYPE

## VLM-635-03 LPA / VLM-650-03 LPA

### OUTLINE DIMENSIONS (UNITS: mm)



1. For general laser sighting application.
2. This model integrated optic, laser diode, and the APC driver circuit .
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	635-03	650-03
Operating voltage (Vop)	3~5V	
Operating current (Iop)	40±15mA	
Cw output power (Po)	≤2.5mW	
Wavelength at peak emission ( λ p)	630~645nm	645~665nm
Collimating lens	Aspherical plastic ( φ 5)	
Housing	Zinc alloy	
Spot size at 5M	6±2mm	
Divergence	2mrad	
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	