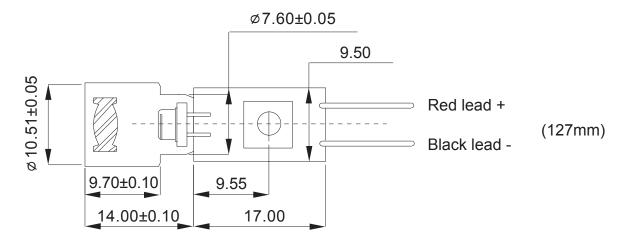
MODEL TYPE

□ VLM-635-09 LPA / VLM-635-09 LPT□ VLM-650-09 LPA / VLM-650-09 LPT

OUTLINE DIMENSIONS (UNITS: mm)



- 1. Basic model for general laser sighting applications.
- 2. This model integrated optic, laser diode into a patented solid zinc alloy structure for the most economical and the choice of laser pointer applications
- 3. Provides an adjustable focus function by request.
- 4. With a built-in switch on the PCB.
- 5. Options: Connection type: Spring / Lead wire (Spring type: by order).

 Output power: Class II less than 1mW / Class IIIa less than 5mW.
- 6. E.S.D. protection 15KV.

SPECIFICATIONS	635-09	650-09
Operating voltage (Vop)□	3 ~ 5V	
Operating current (lop)□	40±15mA	
Cw output power (Po)	≤ 3mW	
Wavelength at peak emission (λ p)	630 ~ 645nm	645 ~ 665nm
Collimating lens□	Aspherical plastic (Ø7)	
Housing□	Zinc alloy	
Spot size at 5m□	6±2mm	
Divergence□	1.6 mrad	
Mean time to failure (MTTF) 3mW 25°C□	5000 hrs	10000 hrs
Operating temp. range□	+10°C ~ +40°C	
Storage temp. range□	-20°C ~ +65°C	