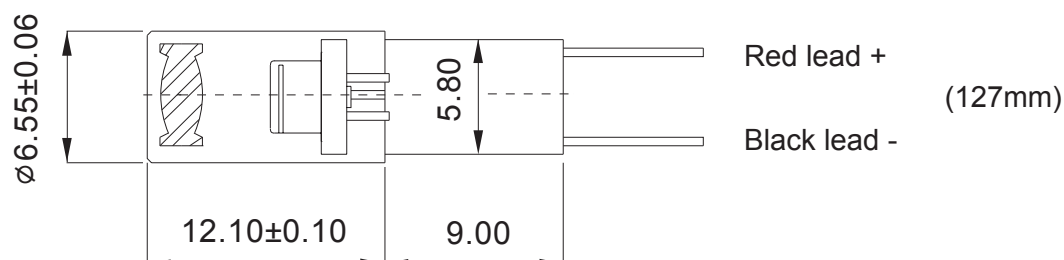


MODEL TYPE

- ☐ VLM-635-04 LPA / VLM-635-04 LPT
- ☐ VLM-650-04 LPA / VLM-650-04 LPT

OUTLINE DIMENSIONS (UNITS: mm)



1. For general laser sighting applications.
2. The slimmest laser diode module with 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	635-04	650-04
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 (φ5)	
Housing ☐	Zinc alloy	
Spot size at 5m ☐	6±2mm	
Divergence ☐	2.0 mrad	
Mean time to failure (MTTF) 2.5mW 25°C ☐	5000 hrs	10000 hrs
Operating temp. range ☐	+10°C ~ +30°C	
Storage temp. range ☐	-20°C ~ +65°C	