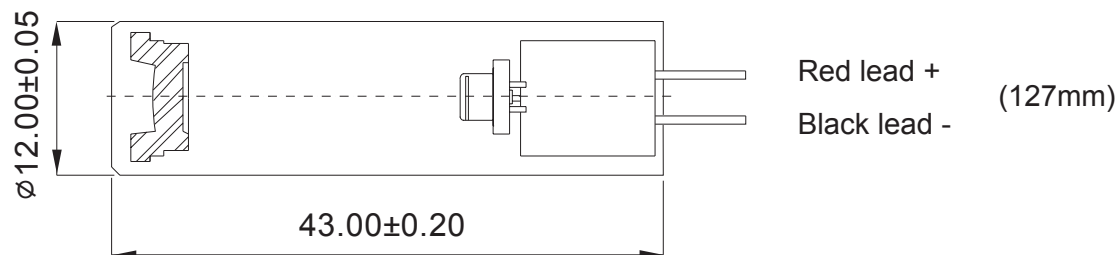


MODEL TYPE

- ☐ VLM-635-14 LPA / VLM-635-14 LPT
- ☐ VLM-650-14 LPA / VLM-650-14 LPT

OUTLINE DIMENSIONS (UNITS: mm)



1. Small beam size laser module for laser leveling, precision, and professional applications, the PCB protected inside of the brass housing.
2. 0.6 mrad divergence angle.
3. Options: Output power: Class II - less than 1mW / Class IIIa - less than 5mW.
4. E.S.D. protection 15KV.

SPECIFICATIONS	635-14	650-14
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 (ϕ10)	
Housing ☐	Brass	
Spot size at 20m ☐	10±2mm	
Divergence ☐	0.6 mrad	
Mean time to failure (MTTF) 2.5mW 25°C ☐	5000 hrs	10000 hrs
Operating temp. range ☐	+10°C ~ +40°C	
Storage temp. range ☐	-20°C ~ +65°C	