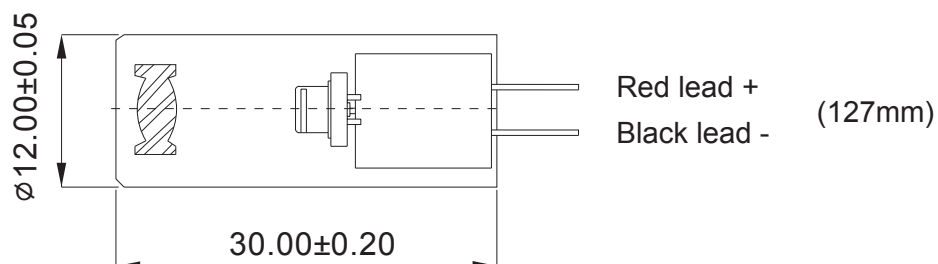


MODEL TYPE

- VLM-635-17 LPA / VLM-635-17 LPT
- VLM-650-17 LPA / VLM-650-17 LPT

OUTLINE DIMENSIONS (UNITS: mm)



1. For general laser sighting applications, the PCB is protected inside of the brass housing.
2. Options: Output power: Class II - less than 1mW / Class IIIa - less than 5mW.
3. E.S.D. protection 15KV.

| SPECIFICATIONS | 635-17 | 650-17 |
|---|--|-------------|
| Operating voltage (Vop) <input type="checkbox"/> | 3 ~ 5V | |
| Operating current (Iop) <input type="checkbox"/> | 40±15mA | |
| Cw output power (Po) | ≤ 3mW | |
| Wavelength at peak emission (λp) | 630 ~ 645nm | 645 ~ 665nm |
| Collimating lens <input type="checkbox"/> | Aspherical plastic ($\varnothing 7$) | |
| Housing <input type="checkbox"/> | Brass | |
| Spot size at 5m <input type="checkbox"/> | 6±2mm | |
| Divergence <input type="checkbox"/> | 1.6 mrad | |
| Mean time to failure (MTTF) 3mW 25°C <input type="checkbox"/> | 5000 hrs | 10000 hrs |
| Operating temp. range <input type="checkbox"/> | +10°C ~ +40°C | |
| Storage temp. range <input type="checkbox"/> | -20°C ~ +65°C | |