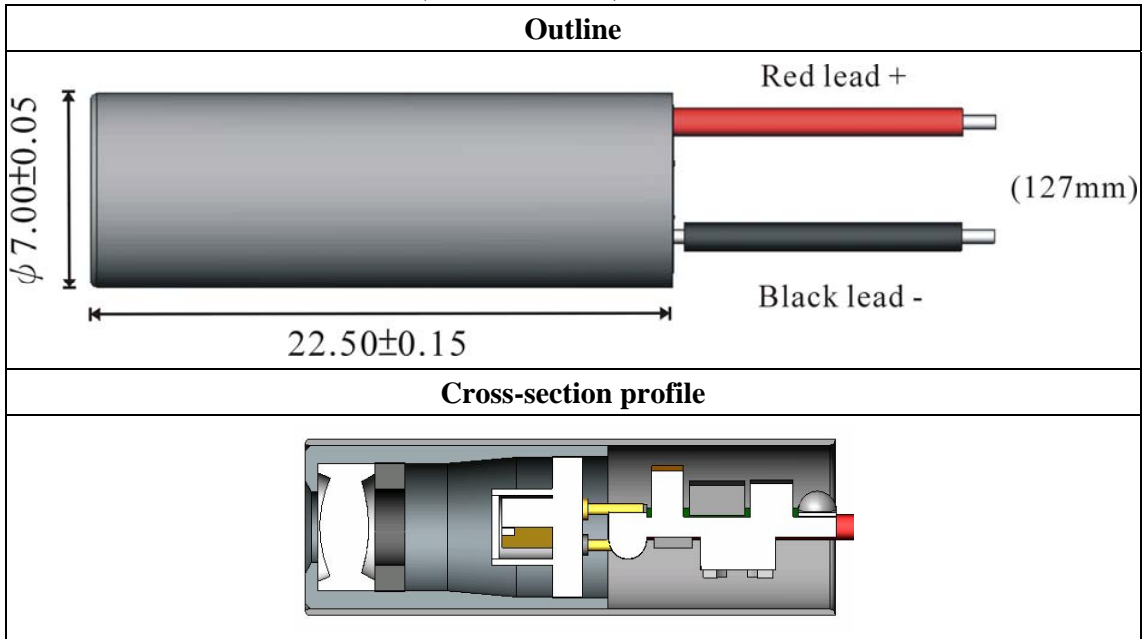


MODEL TYPE

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 | |