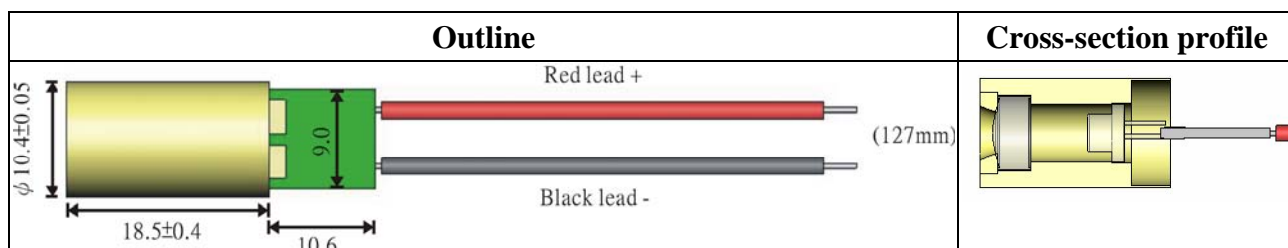


MODEL TYPE

VLM-635-02 LPA / VLM-650-02 LPA

OUTLINE DIMENSIONS (UNITS: mm)



1. Basic model for general laser sighting application.
2. This model integrated optic, laser diode, and the APC driver circuit into a patented solid brass structure for the best shock resistance and heat sink consideration.
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	635-02	650-02
Operating voltage (Vop)	3~5V	
Operating current (Iop)	40 ± 15 mA	
Cw output power (Po)	≤ 3 mW	
Wavelength at peak emission (λ_p)	630~645nm	645~665nm
Collimating lens	Aspherical plastic ($\phi 7$)	
Housing	Brass	
Spot size at 5M	6 ± 2 mm	
Divergence	1.6mrad	
Mean time to failure (MTTF) 2.5mW 25°C	5000hrs	10000hrs
Operating temp. range	$+10^\circ\text{C} \sim +40^\circ\text{C}$	
Storage temp. range	$-20^\circ\text{C} \sim +65^\circ\text{C}$	