

MODEL TYPE

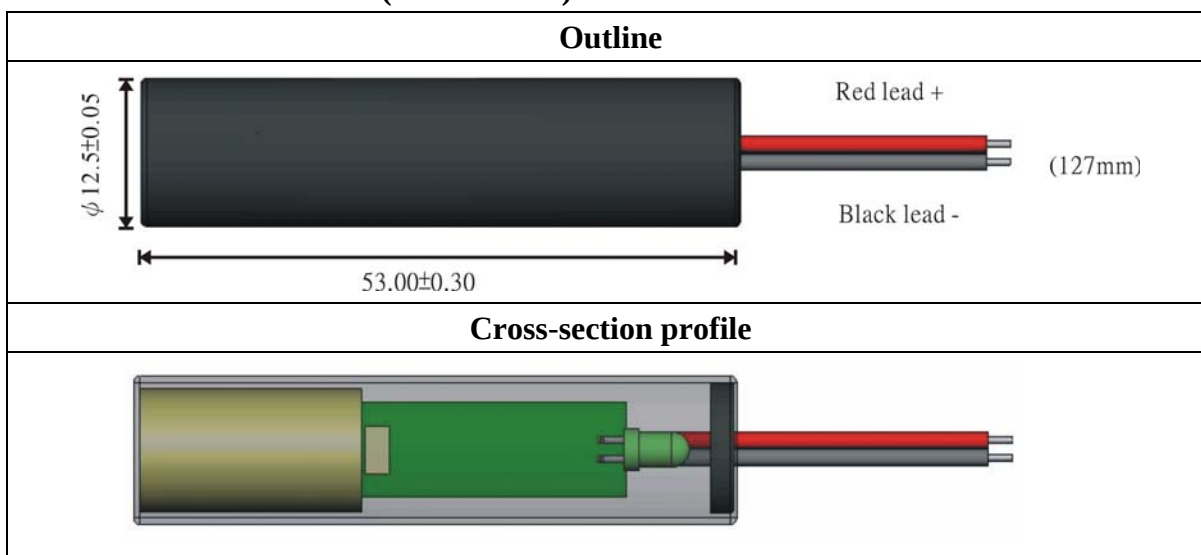
VLM-635-06 LPA / VLM-635-06 LPT

VLM-650-06 LPA / VLM-650-06 LPT

VLM-635-07 LPA / VLM-635-07 LPT

VLM-650-07 LPA / VLM-650-07 LPT

OUTLINE DIMENSIONS (UNITS: mm)



1. One glass lens and aluminum housing for better heat dispersion.
 2. Provides an adjustable focus function by request for different professional applications.
 3. APC circuit for constant output power, with LED indicator.
 4. Options: Output power: Class II-less than 1mW / Class IIIa – less than 5mW.
- Operating voltage: 2.7~6V / 6~12V.
5. E.S.D. protection 15KV.

SPECIFICATIONS	635-06 635-07	650-06 650-07
	2.7~6V(06 LPA / 06 LPA) 6~12V(07 LPA / 07 LPA)	
Operating voltage (Vop)	40±15mA	
Operating current (Iop)	≤ 3mW	
Cw output power (Po)	630~645nm	
Wavelength at peak emission (λ p)	645~665nm	
Collimating lens	Glass lens (φ 6.5)/ plastic lens (φ 5.0)	
Housing	Aluminum	
Spot size at 5M	6±2mm	
Divergence	0.8mrad / 1.6mrad	
Mean time to failure (MTTF) 2.5mW 25°C	5000hrs	10000hrs
Operating temp. range	-30°C ~+50°C	
Storage temp. range	-40°C ~+70°C	