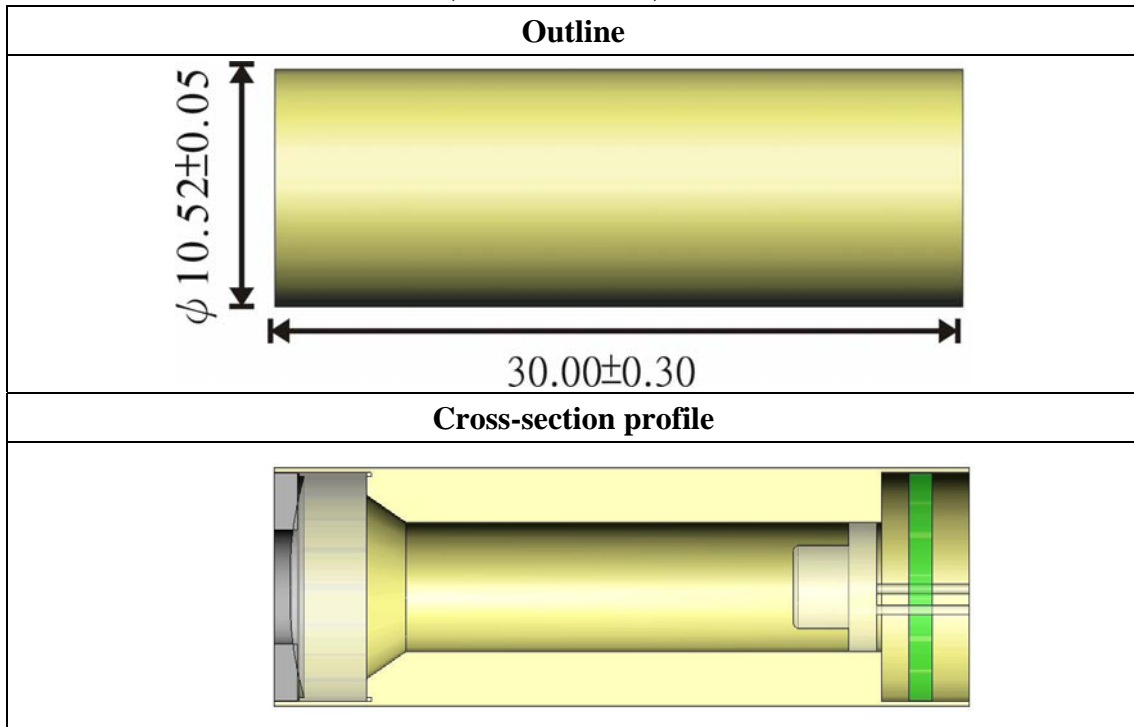


MODEL TYPE

VLM-635-10 LPA / VLM-635-10 LPT

VLM-650-10 LPA / VLM-650-10 LPT

OUTLINE DIMENSIONS (UNITS: mm)



1. Small beam size laser module for laser leveling, precision and professional application.
2. 0.6 mrad divergence.
3. With no built-in driver circuit
4. The efficiency of collimating lens is 60%, do not drive the laser over 3mW

SPECIFICATIONS	635-10	650-10
Operating voltage (Vop)	2.1 ~ 2.6V	
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 10)	
Housing	Brass	
Spot size at 20M	10±2mm	
Divergence	0.6mrad	
Mean time to failure (MTTF) 2.5mW 25°C	5000hrs	10000hrs
Operating temp. range	+10°C ~+40°C	
Storage temp. range	-20°C ~+65°C	