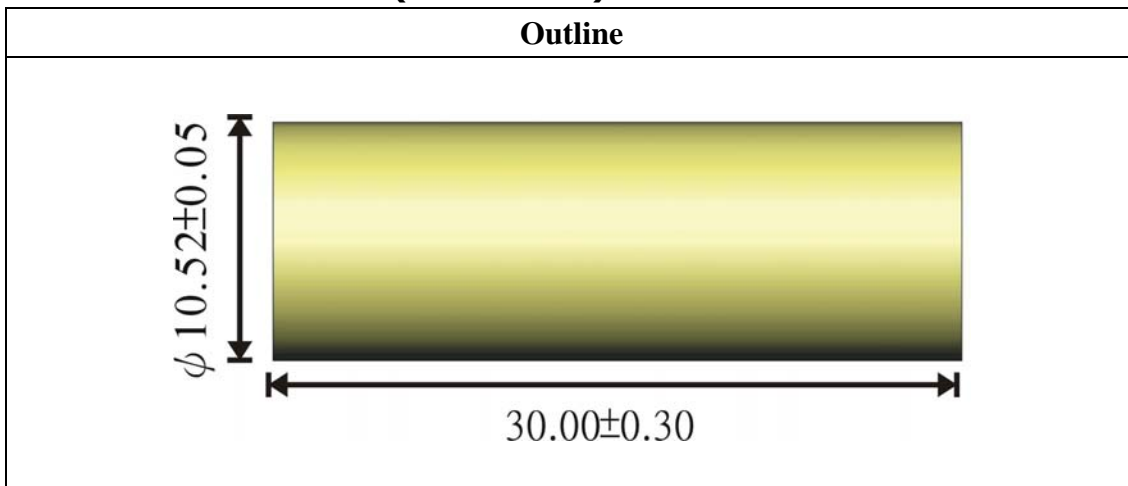


MODEL TYPE

VLM-635-10 LPA / VLM-635-10 LPT
VLM-650-10 LPA / VLM-650-10 LPT

Small spot solution Laser

OUTLINE DIMENSIONS (UNITS: mm)



1. Small beam size laser module for laser leveling, precision and professional application.
2. 0.5 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
1	Operating voltage (Vop)	2.1 ~ 2.6V	
2	Operating current (Iop)	< 50mA	< 35mA
3	Cw output power (Po)	≤ 2.5 mW	
4	Wavelength at peak emission (λ_p)	630~645nm	645~665nm
5	Collimating lens	Aspherical plastic ($\phi 10$)	
6	Spot size at 5M / 20M	2.5 \pm 0.5 mm / 10 \pm 1mm	
7	Divergence	0.5mrad	
8	Operating temp. range	+10°C ~ +40°C	
9	Storage temp. range	-20°C ~ +60°C	
10	Housing	Brass	
11	Mean time to failure (MTTF) 2.5mW 25°C	5000hrs	10000hrs