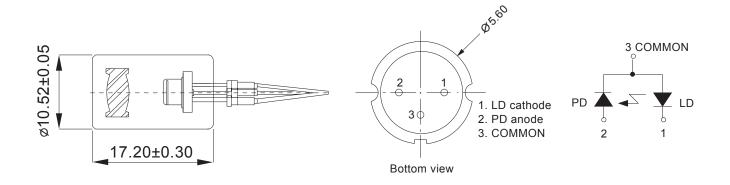
MODEL TYPE

□ VLM-635-00 / VLM-650-00

OUTLINE DIMENSIONS (UNITS: mm)



- 1. This model integrated optic and laser diode into a solid brass construction, provides an adjustable focus function by request, with no driver circuit.
- 2. Users can adapt their own APC driver circuit for their professional applications.
- 3. Can be modulated up to 500 KHz.
- 4. The efficiency of collimating lens is 70%, do not drive the laser over 3.5mW.

SPECIFICATIONS	635-00	650-00
Operating voltage (Vop)□	2.1 ~ 2.6 V	
Operating current (lop)□	40±15mA	
Cw output power (Po)	≤ 3mW	
Wavelength at peak emission (λ p)	630 ~ 645nm	645 ~ 665nm
Collimating lens□	Aspherical plastic (ø7)	
Housing□	Brass	
Spot size at 5m□	6±2mm	
Divergence□	1.6 mrad	
Mean time to failure (MTTF) 3mW 25°C□	5000 hrs	10000 hrs
Operating temp. range□	+10°C ~ +40°C	
Storage temp. range	-20°C ~ +65°C	