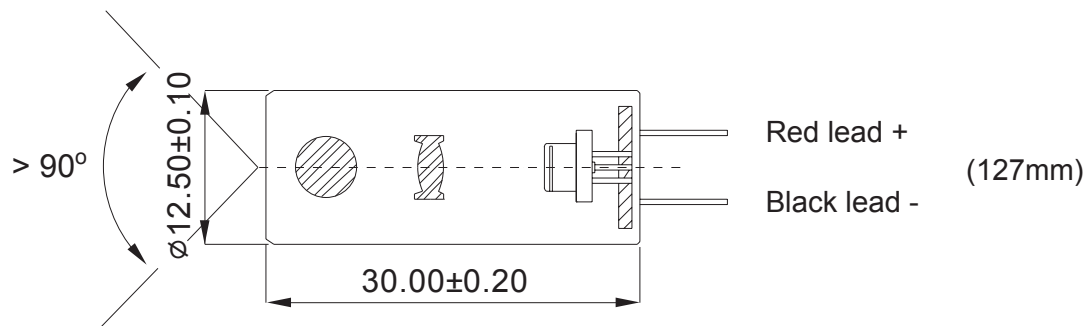


MODEL TYPE

□ VLM-635-27 LPT / VLM-650-27 LPT

OUTLINE DIMENSIONS (UNITS: mm)



1. This model integrated quartz rod lens, collimating lens, laser diode, and the APC driver circuit into a patented solid brass structure for better line quality and the best shock resistance and heat sink consideration.
2. Options: Collimating lens: Glass / Plastic.
3. E.S.D. protection 15KV.

SPECIFICATIONS	635-27	650-27
Operating voltage (Vop)□	2.7 ~ 5V	
Operating current (Iop) 3mW□	40±15mA	
Cw output power (Po)	≤ 1mW	
Wavelength at peak emission (λ p)	630 ~ 645nm	645 ~ 665nm
Cylindric lens	Quartz cylindric lens (ø5)	
Collimating lens□	Aspherical glass / plastic (ø7)	
Housing□	Brass	
Emitting angle□	> 90°	
Mean time to failure (MTTF) 1mW 25°C□	5000 hrs	10000 hrs
Operating temp. range□	+10°C ~ +40°C	
Storage temp. range□	-20°C ~ +65°C	
Laser line accuracy	< 0.01° (40") at 4m	