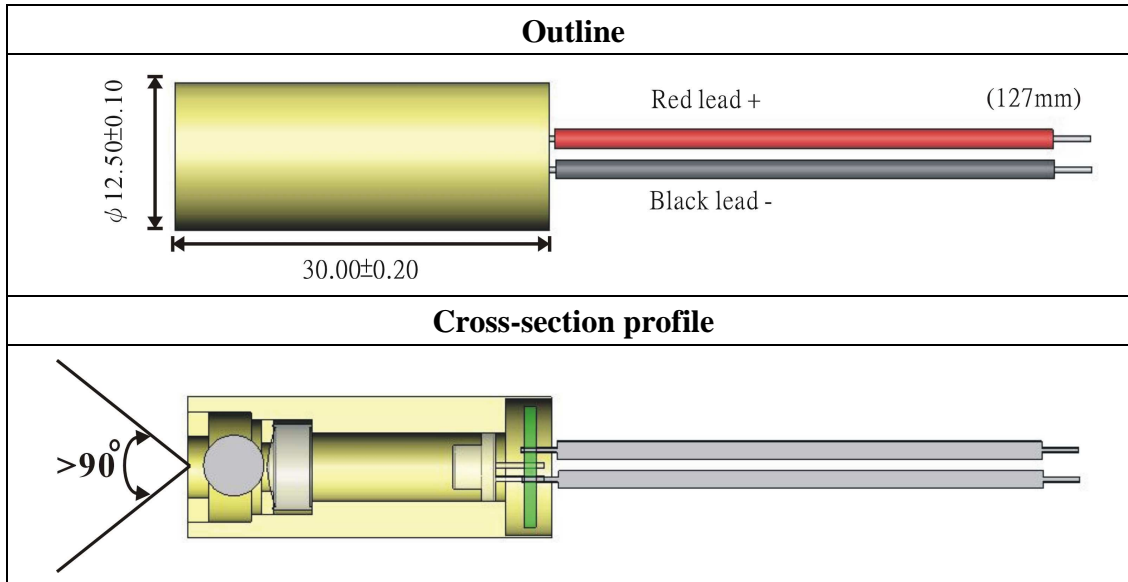


MODEL TYPE

VLM-635-27 LPT / VLM-650-27 LPT

Industrial use line Laser

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 provides good solution for industrial application.

2. Options: Collimating lens: Glass / Plastic.

3. E.S.D. protection 15KV.

SPECIFICATIONS		635-27	650-27
1	Operating voltage (Vop)	2.7~5V	
2	Operating current (Iop)	< 50mA	< 35mA
3	Cw output power (Po)	<1mW	
4	Wavelength at peak emission (λp)	630~645nm	645~665nm
5	Cylindrical lens	Quartz cylindrical lens (ø5)	
6	Collimating lens	Aspherical plastic (ø7)	
7	Laser line Width	3 ±0.5mm @5m, 6 ±0.5mm @10m	
8	Laser line accuracy	40" (+/- 1mm @5m)	
9	Emitting angle	> 90°	
10	Operating temp. range	+10°C ~ +40°C	
11	Storage temp. range	-20°C ~ +65°C	
12	Housing	brass	
13	Mean time to failure (MTTF) 1.0mW 25°C	5000hrs	10000hrs