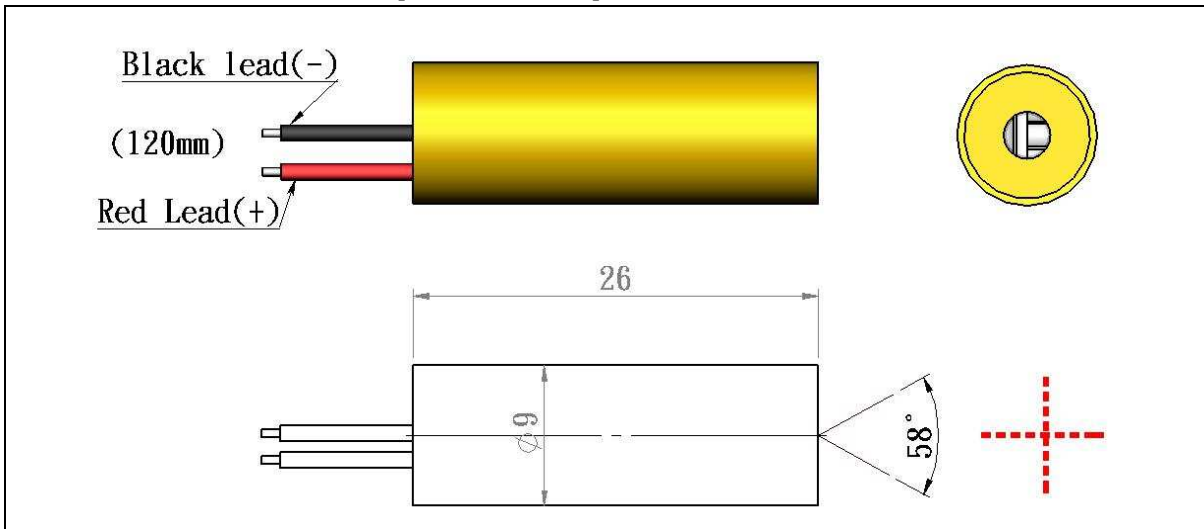


MODEL TYPE

VLM-650-29 LPT (Cross Red Laser)

Cross line Laser

OUTLINE DIMENSIONS (UNITS: mm)



1. This model integrated collimating lens, laser diode and cross line lens into a solid brass structure for the most economic and the best choice of laser line generator applications.

2. E.S.D. protection 15KV.

SPECIFICATIONS		650-29
1	Operating voltage (Vop)	3~5V
2	Operating current (Iop)	< 35mA
3	Cw output power (Po)	≤ 1mW
4	Wavelength at peak emission (λp)	645~665nm
5	Cylindric lens	plastic lens
6	Collimating lens	Aspherical plastic (ø5)
7	Laser line Width	3.5 ± 1mm@5m
8	Laser line accuracy	80" (+/- 2mm @5m)
9	Emitting angle	> 60°
10	Operating temp. range	+15°C ~ +30°C (Room Temperature)
11	Storage temp. range	-20°C ~ +65°C
12	Housing	Brass
13	Mean time to failure (MTTF) 1.0mW 25°C	10000hrs