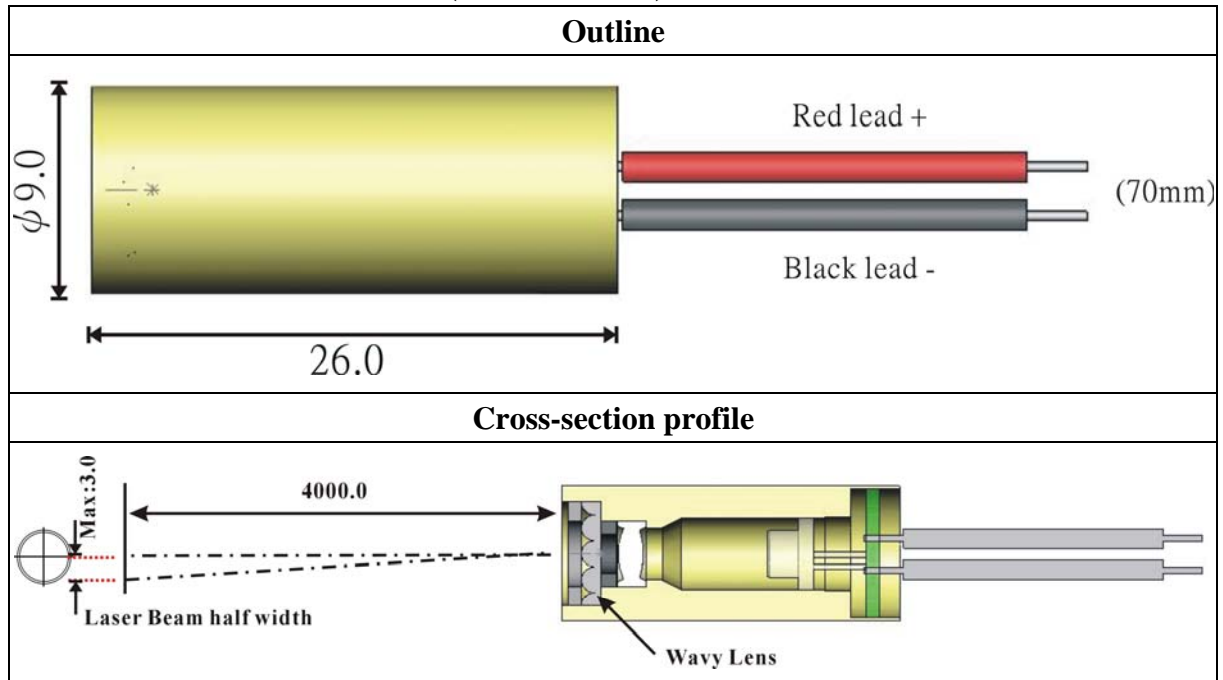


MODEL TYPE

VLM-650-29 LPA

OUTLINE DIMENSIONS (UNITS: mm)



1. This model integrated optic, laser diode into a solid brass structure for the most economical and the best choice of laser line generator applications.
2. E.S.D. protection 15KV.

SPECIFICATIONS	650-29
Operating voltage (Vop)	3~5V
Operating current (Iop)	40±15mA
Cw output power (Po)	≤ 1mW
Wavelength at peak emission (λ p)	645~665nm
Cylindric lens	Wavy plastic
Collimating lens	Aspherical plastic (φ 5)
Housing	Brass
Mean time to failure (MTTF) 1.0mW 25°C	10000hrs
Emitting angle	> 50°
Operating temp. range	+10°C ~+40°C
Storage temp. range	-20°C ~+65°C