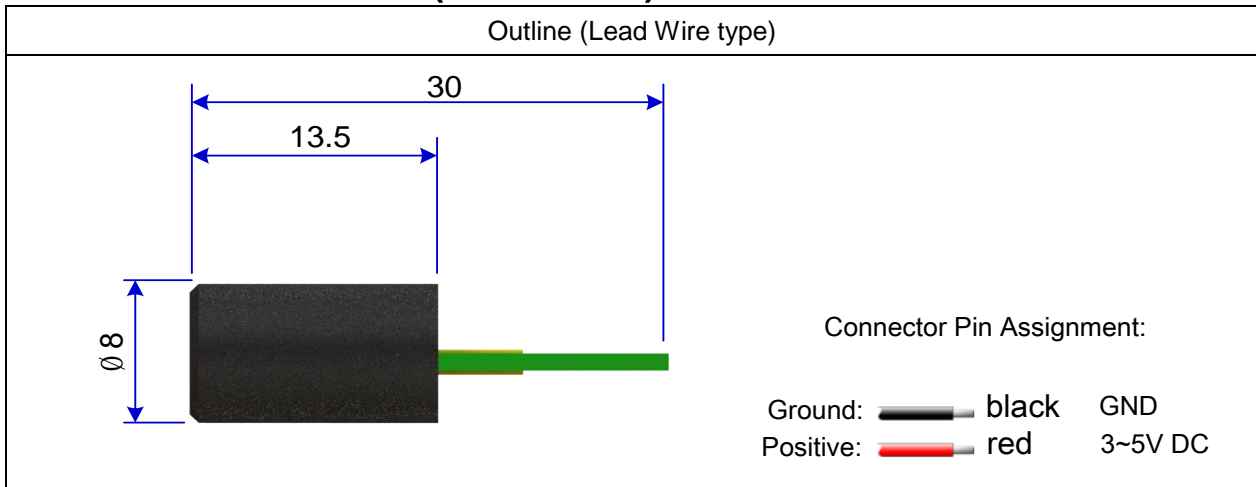


VLM-520-51-Series

OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

SPECIFICATIONS		VLM-520-51	
		LPT	LPA
1	Dimensions	Ø8 x 30 mm (Ø0.314" x 1.18")	
2	Weight	2.5g	
3	Operating voltage (Vop)	3~7 VDC	
4	Operating current (Iop)	<100mA	<100mA
5	Continuous wave output power (Po)	<1mW	<4mW
6	Wavelength at peak emission (λp)	510~530nm	
7	Collimating Lens	Aspherical Glass lens(Ø6.35)	
8	Output Aperture	5mm	
9	Beam Shape	Dot	
10	Spot size at 10M	5±1mm	
11	Divergence(Half Angle)	<0.4mRad	
12	Operating temp. range	-20°C ~ +60°C	
13	Storage temp. range	-20°C ~ +85°C	
14	Housing Material	Aluminum	
15	Housing Color	Black	
16	Potential of Housing	Insulated	
17	Wire Type	1007-26AWG	
18	Cable length	127mm	
19	Mean time to failure(MTTF) 25°C	10000hrs	

Note : Laser module housing is an electrical positive surface, it is imperative that contact between the laser module and the machine be avoided. This is to prevent damage from the machine electrical leakage. Surge protected power supply to the laser module is strongly recommended.