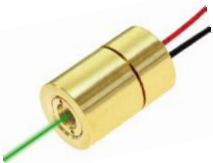


Green Dot Laser Module			
Specifications	Model Number	VLM-520-91 LPB	VLM-520-92 LPB
			
Dimensions		Ø16 x 25 mm	Ø27.7 x 95.5 mm
Operating voltage		4~6 VDC	4~6 VDC
Operating current		Less than 500mA	Less than 1.5A
Laser power output		70mW	400±20mW
Laser class		Class 3B	Class 3B
Wavelength		520nm	505~525nm
Collimating lens		Glass lens	Glass lens
Output aperture		2.5mm	12.6mm
Beam shape		Ellipse	Ellipse
Spot size		Less than 15mm at 10M	6mm at 100M
Divergence (Full Angle)			Less than 0.2mRad
Beam alignment		Less than 3°	±3°
Operating temp. range		-20°C ~+60°C	-10°C ~+60°C
Storage temp. range		-20°C ~+85°C	-20°C ~+85°C
Housing material		Bronze	Aluminum
Potential of housing		VDD(+)	Insulated
Electrostatic discharge (ESD)		30KV	30KV
Moisture sensitivity level (MSL)		Level 1 - acc to JEDEC J-STD-020E.	Level 1 - acc to JEDEC J-STD-020E.
Wire type		1007-26AWG	2464 2-WIRE CABLE 26 AWG
Cable length		115±15mm	200±10cm
Mean time to failure (MTTF) 25°C		10000hrs	10000hrs
Application		High power	Long-range targeting
Suggestion work distance		1~30 meters / 3~100 feet	10~1000 meters or above