

Straight Green Line Laser

VLM-520-55-Series



FEATURES:

- Direct Green Laser Diode for large temperature operation range.
- High quality straight green line laser, ideal for industrial application.
- Laser beam is focused at 10 meters to generate best thin laser line from 5 meters to 20 meters.
- Industrial use laser modules have 10,000 hours working life.
- This module has integrated optic, direct green laser diode, and APC driver circuit.
- APC driver circuit enables the Laser output power safe and constant.

Dimensions : Ø10 x 38 mm (Ø0.393" x 1.496")

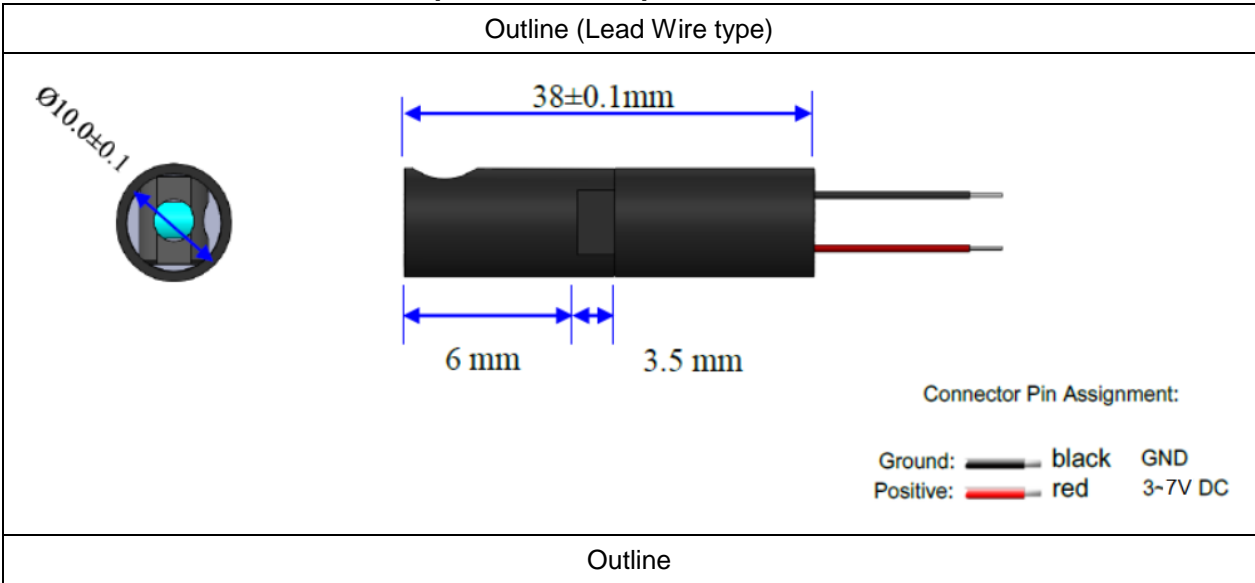
- Wavelength : 510~530 nm
- Output power : LPT - Class II Laser product.
LPO - Class I Laser product.
- Fan Angle : >90°
- 3~7 VDC operation.
- Connection type : Lead wire

APPLICATIONS:

- Straight Green Line from Direct Green Laser Diode.
- Wood processing.
- Metal processing.
- Stone processing.
- Textile industry.
- Food industry.
- Automotive industry.
- Medical science

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OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

SPECIFICATIONS		VLM-520-55-	
		LPO	LPT
1	Dimensions	Ø10 x 38 mm (Ø0.393" x 1.496")	
2	Operating voltage (Vop)	3~7 VDC	
3	Operating current (Iop)	< 100mA	< 100mA
4	Continuous wave output power (Po)	< 0.39mW	< 0.9mW
5	Wavelength at peak emission (λp)	510~530nm	
6	Collimating lens	Quartz cylindrical lens	
7	Laser Line Width	3±0.5mm@5M, 6±0.5mm@10M	
8	Fan Angle	> 90°	
9	Operating temp. range	-20°C ~+60°C	
10	Storage temp. range	-20°C ~+85°C	
11	Housing	Aluminum	
12	Mean time to failure (MTTF) 25°C	10000hrs	

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ORDER CODE

Order Code	Wavelength	Output Power	Connection Type
VLM-520-55 LPT	520 nm	<0.9mW	Lead Wire
VLM-520-55 LPO	520 nm	<0.39mW	Lead Wire

SAFETY LABEL



CLASS I LASER PRODUCT