



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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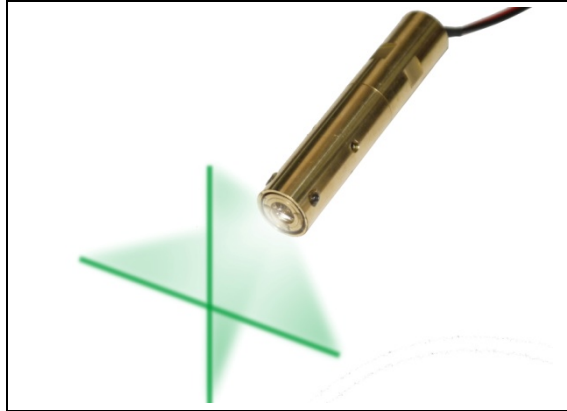
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## Green Cross Line Laser

### VLM-532-47 Series



#### FEATURES:

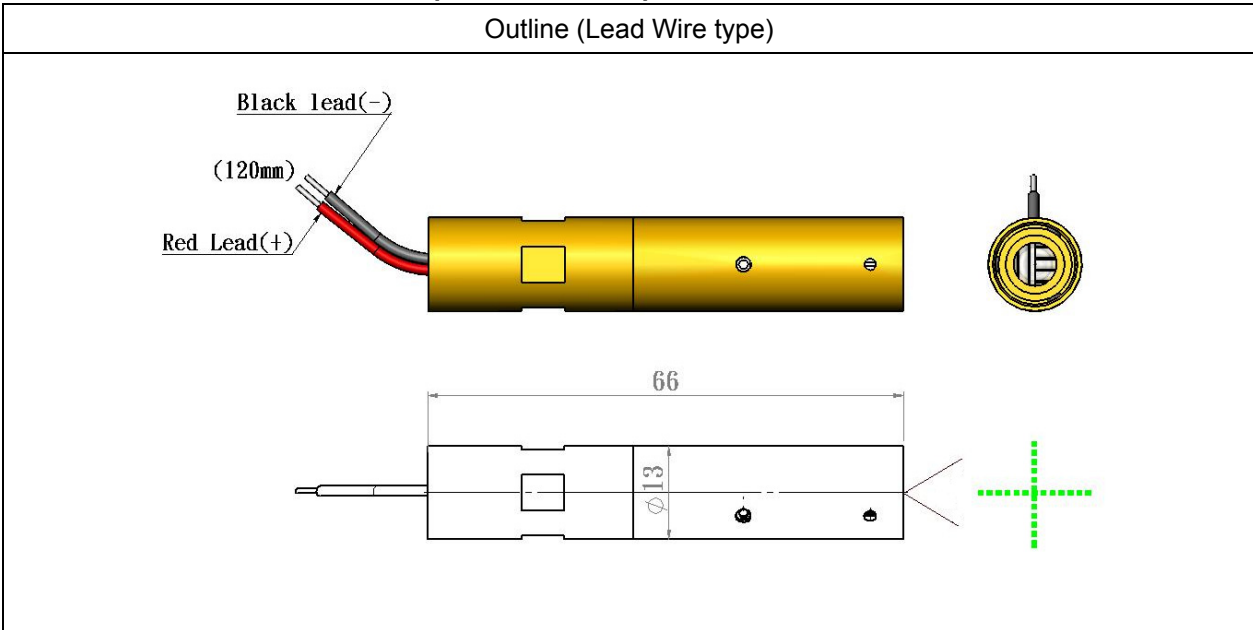
- Green Cross-Line Laser.
- This module has integrated wavy lens, collimating lens, laser diode, and APC driver circuit.
- APC driver circuit enables the Laser output power safe and constant.
- Includes patented solid brass structure for the best shock resistance and better heat transfer consideration.
- Multiple plastic aspherical lenses and wavy lens provides Cross-Line Laser.
- Dimensions:  $\Phi 13 \times 66$  mm ( $\Phi 0.512" \times 2.598"$ )
- Wavelength : 532 nm
- Output power (Center / Total) : Class II – less than 1mW / 2.5mW
- Laser line accuracy: 80".
- Emitting angle:  $> 60^\circ$
- 2.7~3.3 VDC operation.
- Connection type: Lead wire.

#### APPLICATIONS:

- Green Cross-Line Laser, for Industrial leveling, alignment, adjusting, positioning, measuring and targeting device.
- Wood processing.
- Metal processing.
- Stone processing.
- Textile industry.
- Food industry.
- Automotive industry.
- Medical science

## VLM-532-47 Series

### OUTLINE DIMENSIONS (UNITS: mm)



### SPECIFICATIONS

SPECIFICATIONS		532-47
1	Dimensions	Φ13 x 66 mm (Φ0.512" x 2.598")
2	Operating voltage (Vop)	2.7~3.3 VDC
3	Operating current (Iop)	≤ 300mA
4	Continuous wave output power (Center/Total)	<1mW / 2.5mW
5	Wavelength at peak emission (λp)	532nm
6	Cylindrical lens	Wavy Plastic Lens
7	Collimating lens	Aspherical Plastic Lens(ø5)
8	Laser line Width	3.5 ±1mm@5m
9	Laser line accuracy	80" (+/- 2mm @5m)
10	Emitting angle	> 60°
11	Operating temp. range	+15°C ~ +35°C
12	Storage temp. range	-20°C ~ +65°C
13	Housing	Brass
14	Mean time to failure (MTTF) 25°C	3000hrs

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.

## VLM-532-47 Series

### ORDER CODE

Order Code	Wavelength	Output Power	Connection Type
VLM-532-47 LPT	532 nm	2.5mW	Lead Wire

### SAFETY LABEL

AVOID EXPOSURE,  Laser radiation is emitted from this Aperture

**DANGER**

 **LASER RADIATION- AVOID DIRECT EYE EXPOSURE.**

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Wavelength: 532 nm  
Max. Output: <5mW  
Class IIIa Laser Product