



## CW1064-05

- Compact IR DPSS Laser Module
- 1064 nm, 5 mW
- Automatic Power Control
- Fix Focus Glass Lens



### Description

**CW1064** is a series of compact size 1064 nm diode pumped solid state laser modules utilizing a 808nm 200wW Pump laser diode, Nd:YVO4 crystal, and IR filter. It features automatic power control (APC) driving electronics for stable output, and high quality glass lens designed for lowest beam divergence for long range application.

### Specifications

Parameter	Values			Unit
	Min.	Typ.	Max.	
Wavelength		1064		nm
Output Power		<5		mW
Laser Class		3B		
Output Aperture		Ø 3		mm
Beam Divergence		0.8		mrad
Beam polarization		>100:1		
<b>Supply Voltage</b>	<b>2.5</b>	<b>3.0</b>	<b>3.2</b>	<b>VDC</b>
Operating Current		120		mA
Operating Temperature	+10		+40	°C
Storage Temperature	-30		+80	°C
Material Body	Brass			
Material Lens	Glass			
Dimensions	Ø 12 x 46(64)			mm
Leads	0.25 mm <sup>2</sup> x 100			mm
MTTF	3000			h



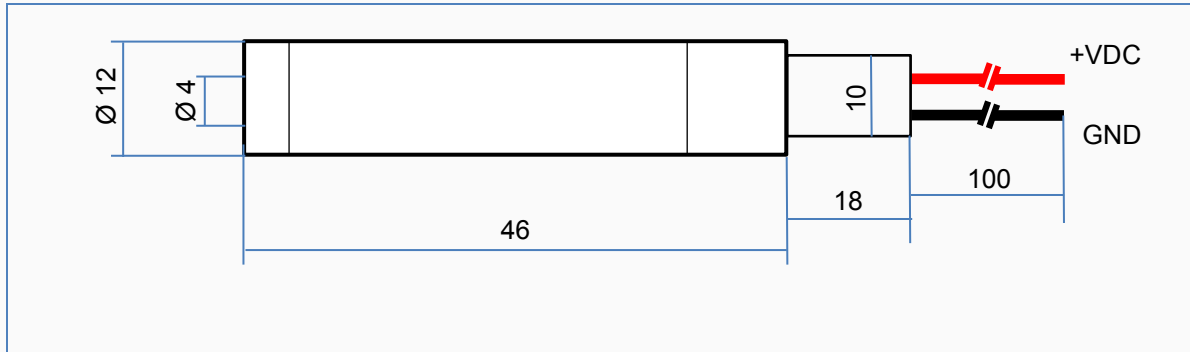
### Electrical Connection

Lead	Description
Red	+VDC
Black	GND





## Drawing



All dimensions in mm

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The above specifications are for reference purpose only and subjected to change without prior notice