



CW1064-01

- Compact IR DPSS Laser Module
- 1064 nm, 1 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		<1		mW
Laser Class		3R		
Output Aperture		Ø 3		mm
Beam Divergence		0.8		mrad
Beam polarization		>100:1		
Supply Voltage	2.5	3.0	3.2	VDC
Operating Current		70		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 ² x 100			mm
MTTF	3000			h



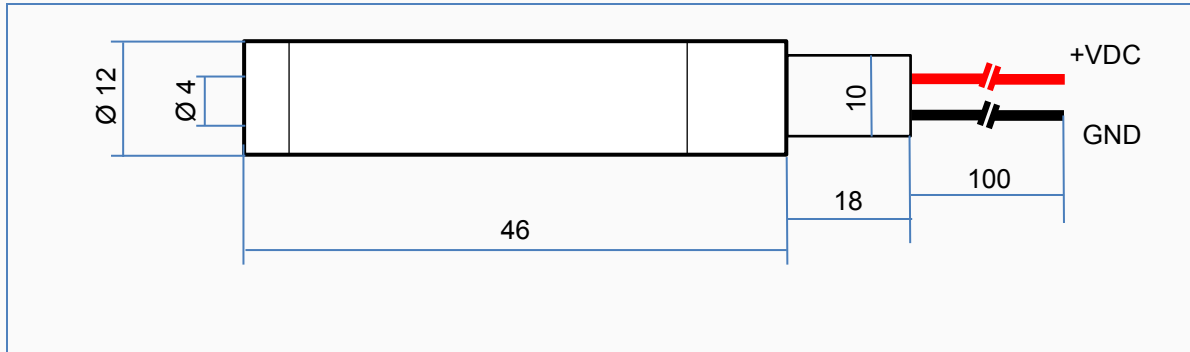
Electrical Connection

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