

505nm 30mW Laser Diode| Single mode Green LD | With Photodiode

500nm~505nm SM LD| 30mW Power| TO18 Package Green diode laser With PD

WSLD-505-030m-1-PD

Wavespectrum Laser Group.

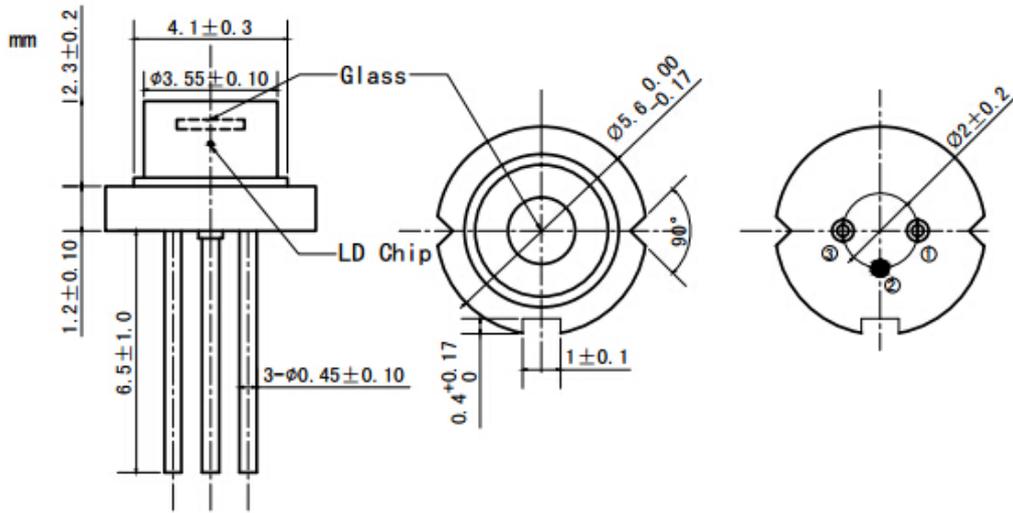
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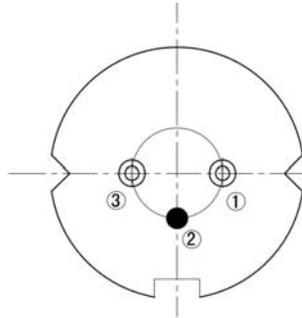
505nm Laser Diode		30mW/TO18	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+60	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (5 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> ● 505nm ● 30mW ● Single Mode Beam ● TO18 Package ● Built-in Photodiode 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Laser Indicator ● Laser Detector 			
Specifications	WSLD-505-030m-1-PD		
	Min	Type	Max
Center Wavelength@25°C	505nm±10nm		
Spectral Width (FWHM)	2.0nm		
Output Power	20mW	30mW	----
Recommended Operating Temperature	25°C		
Beam Divergence (FWHM)	----	$23^{\circ} \pm 1^{\circ} \times 8^{\circ} //$	----
Monitor Current	----	0.2mA	----
Threshold Current (Typ.)	----	60mA	100mA
Operating Current (Typ.)	----	120mA	150mA
Operating Voltage	----	7.0V	8.0V
Package Style	TO18		



TO18(5.6mm) Package View



PIN Bottom View:



1	LD(-)
2	LD(+)&PD(-)
3	PD(+)

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

