655nm～660nm 1W Laser Diode 9mm TO5 Package | High power Red Laser Diode | Square Beam Optional

655nm TO5 Package |1W | Red LD | Without PD | With FAC Lens Optional

WSLD-655-001-2 Wavespectrum Laser Group. www.wavespectrum-laser.com

655nm Laser Diode 1W/TO5 en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+40	℃
Storage Temperature	T_{stg}	-40~+85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 655nm
- 1W
- TO5 Package
- With FAC Lens Optional

Applications:

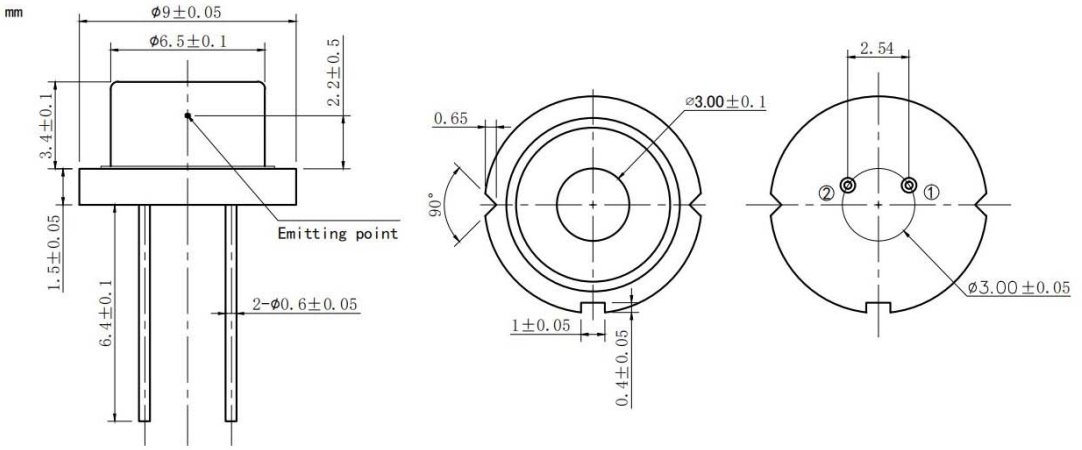
- Medical Laser Treatment
- Laser Show
- Others



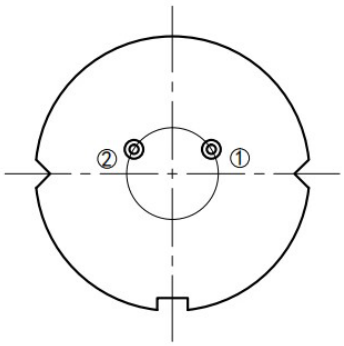
Specifications	WSLD-655-001-2		
	Min	Type	Max
Center Wavelength@25℃	655nm±10nm		
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	1.0W	----
Recommended Operating Temperature	25℃		
Beam Divergence (FWHM)	----	35°⊥ x 8°//	----
Slope Efficiency	----	1.1W/A	----
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	1.5A	----
Operating Voltage	----	2.4V	----
Package Style	TO5		

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

TO5(9mm) Package View：



PIN Bottom View:



1	**LD(+)**
2	**LD(-)**

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

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com