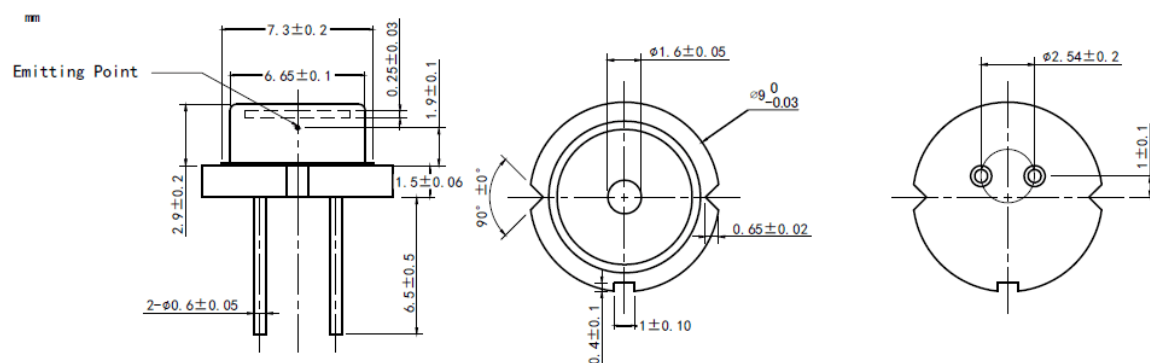


515nm~520nm 1.5W Laser Diode with FAC Lens | High Power Green LD with Linear Beam | TO5 Diode Laser
 520nm 1.3W~1.5W LD| 9mm TO5 Package | Used for Medical Cure, Laser Show
 WSLD-520-1500m-2-FAC Wavespectrum Laser Group. www.wavespectrum-laser.com

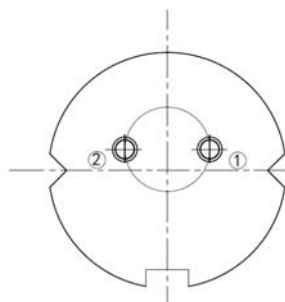
520nm Laser Diode		1.5W/TO5		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Forward Current		I _f	2.0		A
Operating Temperature		T _{op}	0 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 520nm 1.5W Output Power - TO5 (9mm) Package - With FAC Lens Applications: - Medical Laser Treatment - Laser Show - Others					
Specifications			WSLD-520-1500m-2-FAC		
			Min	Type	Max
Center Wavelength@25℃			520nm±15nm		
Spectral Width (FWHM)			3.0nm		
Output Power			1.3W	1.5W	----
Recommended Operating Temperature			25℃		
Beam	Beam Divergence (FWHM)		----	2° _⊥ x 10° _∥	----
	Beam Shape		Linear Shape Beam (Fast Axis compressed to about 2°)		
Square Shape Beam (about 1:1)			Optional		
Slope Efficiency			----	0.8W / A	----
Threshold Current (Typ.)			----	0.2A	0.5A
Operating Current (Typ.)			----	2.1A	2.3A
Operating Voltage			----	5.0V	6.0V
Package Style			TO5 (9mm)		
FAC Lens			Built-in		



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

