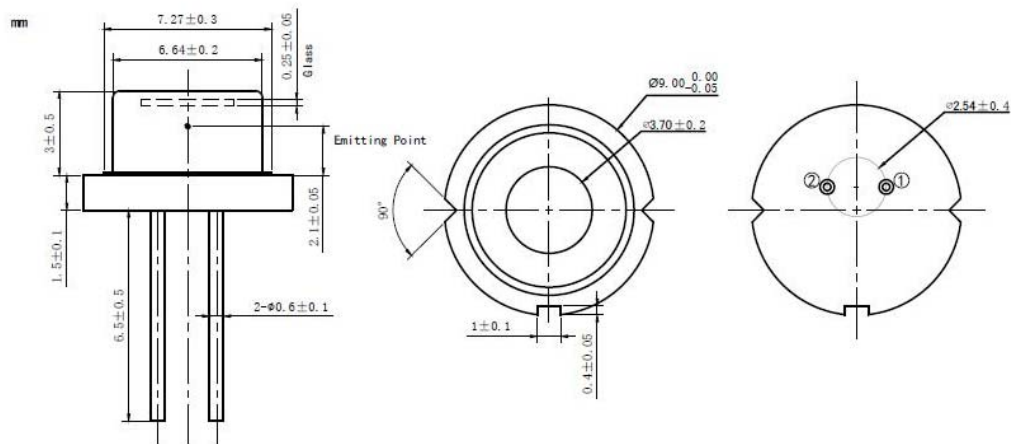


635nm~638nm 1W Laser Diode 9mm TO5 Package | High power Red Laser Diode | Square Beam Optional
 635nm TO5 Package |1W | Red LD | Without PD | With FAC Lens Optional
 WSLD-635-001-2 Wavespectrum Laser Group. www.wavespectrum-laser.com

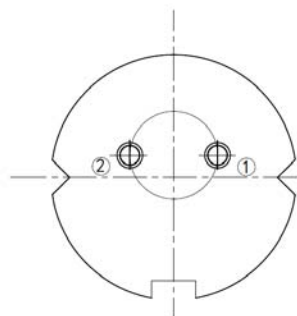
635nm Laser Diode		1W/TO5	Wavespectrum Laser Group.	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +40		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 638nm 1W - TO5 Package - With FAC Lens Optional				
Applications: - Medical Laser Treatment - Laser Show - Others				
Specifications		WSLD-635-001-2		
		Min	Type	Max
Center Wavelength@25°C		630nm	638nm	645nm
Spectral Width (FWHM)		----	2.0nm	----
Output Power		----	1.0W	----
Recommended Operating Temperature		25°C		
Beam Divergence (FWHM)		23° _⊥ x 2° _∥	35° _⊥ x 10° _∥	45° _⊥ x 20° _∥
Slope Efficiency		----	1.0W / A	----
Threshold Current (Typ.)		----	0.3A	0.5A
Operating Current (Typ.)		----	1.4A	1.6A
Operating Voltage		----	2.4V	2.8V
Package Style		TO5		



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.

