

980nm 1W laser diodes 9mm Package

980nm 1000mw LD with TO5

WSLD-980-001-2-PD

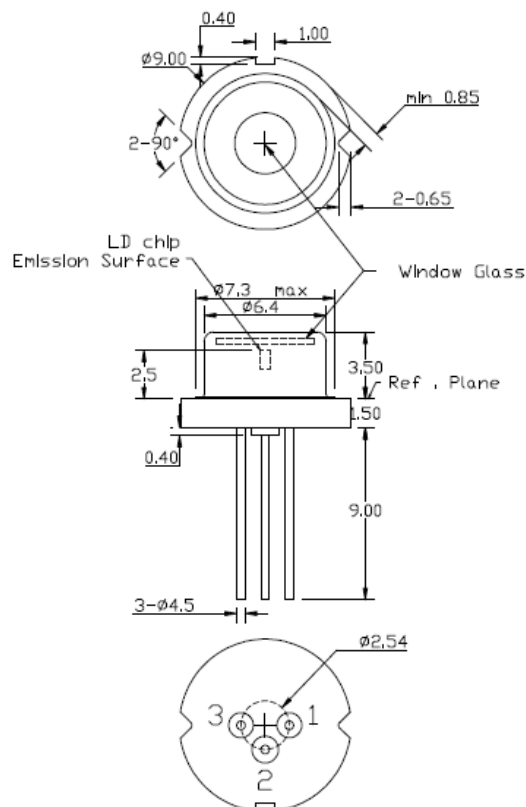
Wavespectrum laser inc.

www.wavespectrum-laser.com

980nm Laser Diode		1W	Wavespectrum Laser, Inc	
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:				
980nm 1W Power - TO5 package - Built-in PD Optional				
Applications:				
- Medical laser treatment - Laser indicator - Laser detector				
Specifications		WSLD-980-001-2-PD		
		Min	Type	Max
Center Wavelength@25°C		970nm	980nm	990nm
Spectral Width (FWHM)		----	3nm	----
Output Power		----	1W	----
Recommended Operating Temperature		25°C		
Beam Divergence (FWHM)		----	48 ° _⊥ x 10 ° _{//}	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	0.8mW / mA	----
Threshold Current (Typ.)		----	350mA	----
Operating Current (Typ.)		----	1.8A	----
Operating Voltage		----	2.0V	----
Package Style		TO5		



TO5(9mm) Package 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.



Please contact us:

Website: www.wavespectrum-laser.com (for more detailed information)

Email: info@wavespectrum-laser.com (for inquiry about this product)

