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	℃
Storage Temperature	T_{stg}	-40 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

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℃	970nm	980nm	990nm
Spectral Width (FWHM)	----	3nm	----
Output Power	----	1W	----
Recommended Operating Temperature		25℃	
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	

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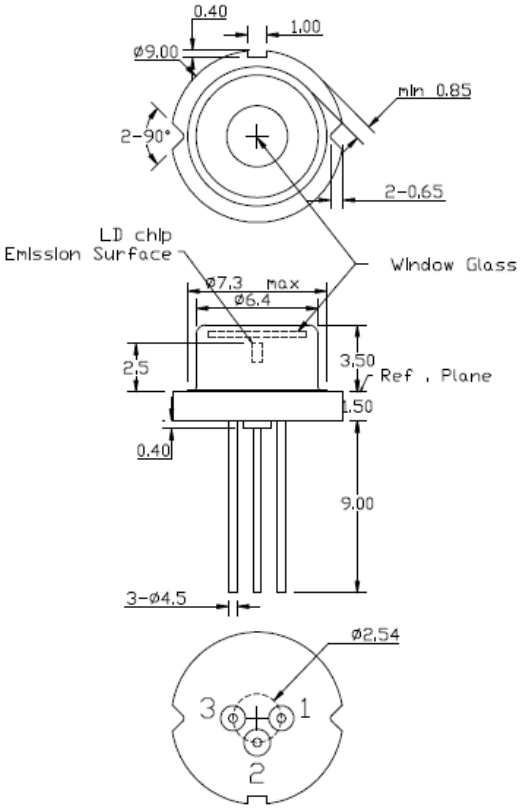
TO5(9mm) Package View



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)

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