

808nm 1W laser diodes TO5 9mm package

808nm 1000mw High Power LD

WSLD-808-001-2-PD

Wavespectrum laser inc.

www.wavespectrum-laser.com

808nm Laser Diode 1W		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +50	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 808nm 1W output Power - TO5 package - Built-in PD Applications: - Medical laser treatment - Laser indicator - Others			
Specifications		WSLD-808-001-2-PD	
	Min	Type	Max
Center Wavelength@25°C	+ / -3nm	808nm	+ / -10nm
Spectral Width (FWHM)	----	2.5nm	5.0nm
Output Power	----	1W	----
Monitor Current	----	700uA	----
Beam Divergence (FWHM)	----	36°± x 10°//	40°± x 12°//
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.0W/A	----
Threshold Current (Typ.)	----	----	0.3A
Operating Current (Typ.)	----	----	1.4A
Operating Voltage	----	----	2.2V
Package Style	TO5		
Recommended Operating Temperature	25°C		



