

980nm 100mw SM laser diode with PD

100mw 980nm Single Mode LD with 5.6mm TO18 Package

WSLD-980-100m-1-PD

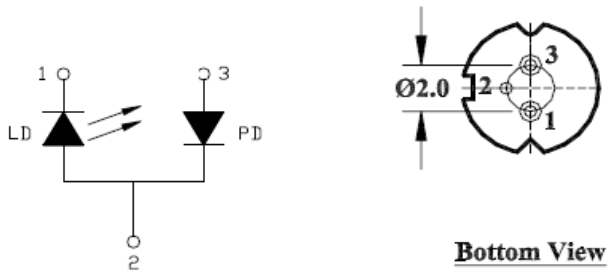
Wavespectrum laser inc.

www.wavespectrum-laser.com

980nm Laser Diode		100mw	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 - Built-in PD - Single Mode LD - TO18 package				
Applications: - Medical laser treatment - Laser indicator - Others				
Specifications		WSLD-980-100m-1-PD		
		Min	Type	Max
Center Wavelength@25°C		970nm	980nm	990nm
Spectral Width (FWHM)		----	1nm	2.0nm
Output Power		----	100mw	----
Emitter Size		----	3um *1.5um	----
Beam Divergence (FWHM)		15°± x 8° _{//}	20°± x 10° _{//}	25°± x 12° _{//}
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		0.8m W / mA	0.9m W / mA	----
Threshold Current (Typ.)		----	12mA	16mA
Operating Current (Typ.)		----	155mA	170mA
Operating Voltage		----	2.2V	2.5V
Monitor Current		----	0.35uA	0.50uA
Package Style		TO18		



TO18 (5.6 mm) Package View



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

