

980nm 50mw SM laser diode
50mw 980nm Single Mode LD with 5.6mm TO18 Package

WSLD-980-050m-1-PD

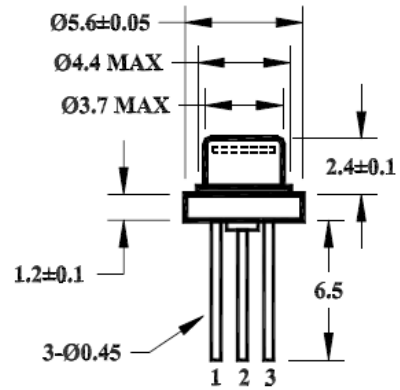
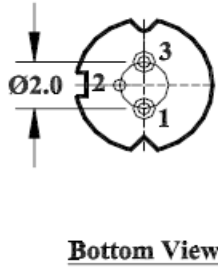
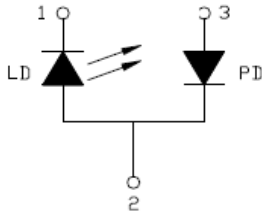
Wavespectrum laser inc.

www.wavespectrum-laser.com

980nm Laser Diode		50mw		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: <ul style="list-style-type: none"> ● 980nm ● CW ● Built-in PD ● Single Mode LD ● TO18 package 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Laser indicator ● Laser detector 					
Specifications		WSLD-980-050m-1-PD			
		Min	Type	Max	
Center Wavelength@25°C		970nm	980nm	990nm	
Spectral Width (FWHM)		----	----	3.0nm	
Output Power		----	50mw	----	
Emitter Size		----	5um*1um	----	
Beam Divergence (FWHM)		----	----	40° _⊥ x 12° _{//}	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		0.8mW/mA	0.9mW/mA	----	
Threshold Current (Typ.)		----	----	40mA	
Operating Current (Typ.)		----	----	150mA	
Operating Voltage		----	----	2.2V	
Monitor Current		----	----	----	
Package Style		TO18			



TO18(5.6mm) Package View



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)

