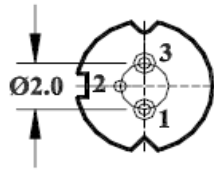
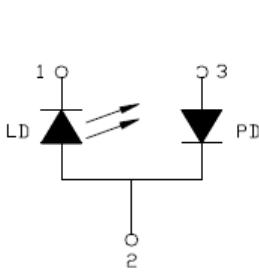


**980nm 100mw SM laser diode with PD**  
**100mw 980nm Single Mode LD with 5.6mm TO18 Package**  
**WSLD-980-100m-1-PD**                      **Wavespectrum laser inc.**                      **www.wavespectrum-laser.com**

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	
<b>Features:</b> <ul style="list-style-type: none"> <li>980nm</li> <li>Built-in PD</li> <li>Single Mode LD</li> <li>TO18 package</li> </ul>				
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Laser indicator</li> <li>Others</li> </ul>				
<b>Specifications</b>		<b>WSLD-980-100m-1-PD</b>		
		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		0.8mW/mA	0.9mW/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(5.6mm) Package View



Bottom View

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

