


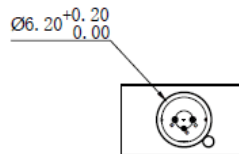
**520nm 50mW~60mW SM Coaxial Fiber Coupled Laser Diode with 9um | Green LD Module**  
**515nm~520nm 50mW SM Pigtailed LD with 9um SM Fiber (SMF-28 Fiber)**  
**RWLP-520-050m-9**

520nm Pigtailed Diode Laser 50mW/9um Fiber			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+60	°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>520nm Green Diode Laser</li> <li>9um Fiber</li> <li>Coaxial or B82 package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical Laser Treatment</li> <li>Others</li> </ul>			
<b>Specifications</b>	<b>RWLP-520-050m-9</b>		
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	520nm	+/-10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
Fiber Type	SMF-28		
Fiber Core	9um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current	----	65mA	95mA
Operating Current	----	270mA	290mA
Operating Voltage	----	7.0V	8.0V
Package Style	Coaxial or B82		

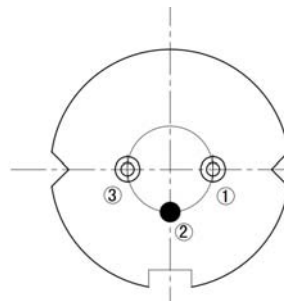
**Coaxial Package View: (Part Number: RWLP-520-050m-9)**



**B82 Package View: (Part Number: RWLP-520-050m-9-B)**



**PIN Bottom View:**



1	LD(+)
2	GND
3	LD(-)

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

