
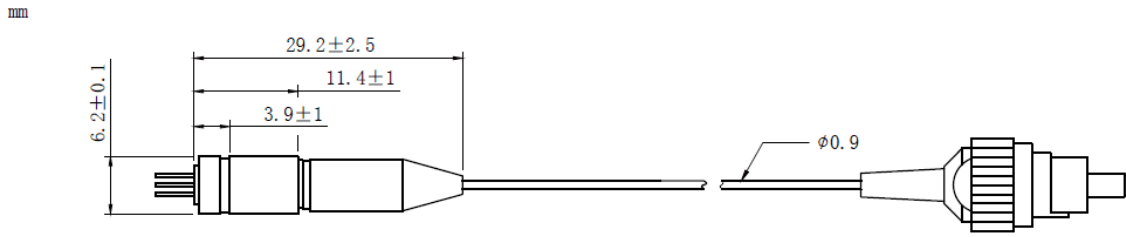


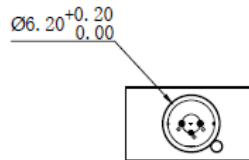
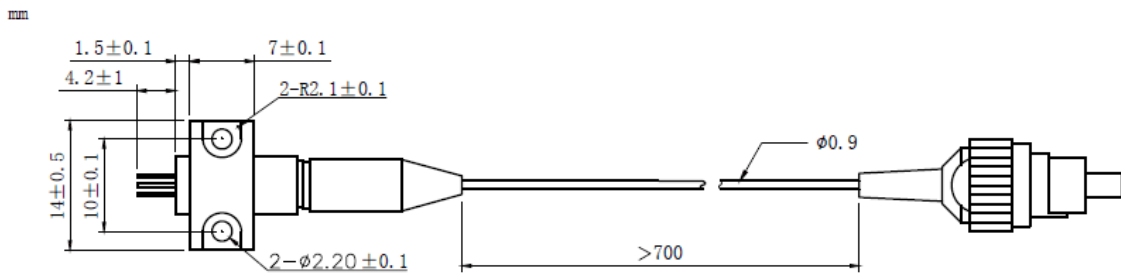
**445nm~450nm 80mW Coaxial Pigtailed Diode Laser with 105um MMF| Blue LD Module**  
**450nm Fiber Coupled Laser Diode with 50um 60um 105um MM Fiber**  
**RWLP-445-080m-M**

445nm Pigtailed Diode Laser		80mW/MM Fiber	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10 ~ +70	°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>● 450nm</li> <li>● Coaxial or B82 Package</li> <li>● High Stability</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Printing</li> <li>● Others</li> </ul>			
<b>Specifications</b>	<b>RWLP-445-080m-M</b>		
	Min	Type	Max
Center Wavelength@25°C	440nm	450nm	460nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	80mW	----
Fiber Type	Multi-mode Fiber		
Fiber Core	105um (50um,62.5um optional)		
Recommend Operating Temperature	25°C		
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current (Typ.)	----	25mA	55mA
Operating Current (Typ.)	----	120mA	140mA
Operating Voltage	----	6.0V	7.0V
Package Style	Coaxial or B82		

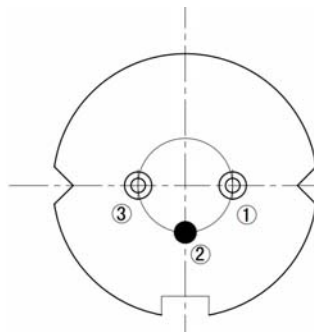
**Coaxial Package View: (Part Number: RWLP-445-080m-M)**



**B82 Package View: (Part Number: RWLP-445-080m-M-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.