


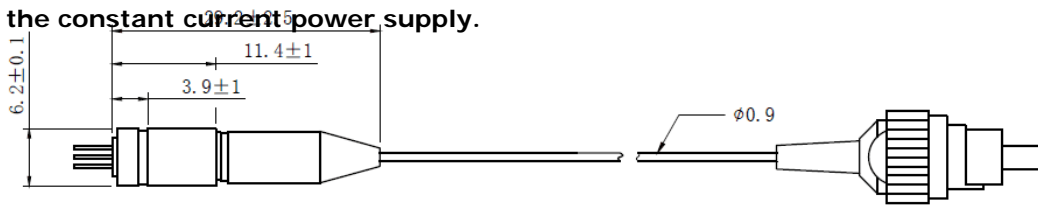
505nm~510nm 50mW Coaxial Pigtailed Diode Laser with MMF | Green LD Module
500nm~505nm Fiber Coupled Laser Diode with 50um 60um 105um Multi-mode Fiber
RWLP-505-050m-M

505nm Pigtailed Diode Laser		50mW/MM 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
Features: <ul style="list-style-type: none"> ● 505nm ● Multi-mode Fiber ● Coaxial or B82 Package 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Others 			
Specifications	RWLP-505-050m-M		
	Min	Type	Max
Center Wavelength@25°C	505nm±10nm		
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
Fiber Core	105um		
Recommended Operating Temperature	25°C		
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current (Typ.)	----	55mA	95mA
Operating Current (Typ.)	----	220mA	240mA
Operating Voltage	----	7.5V	8.0V
Package Style	Coaxial or B82		

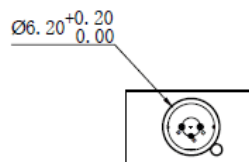
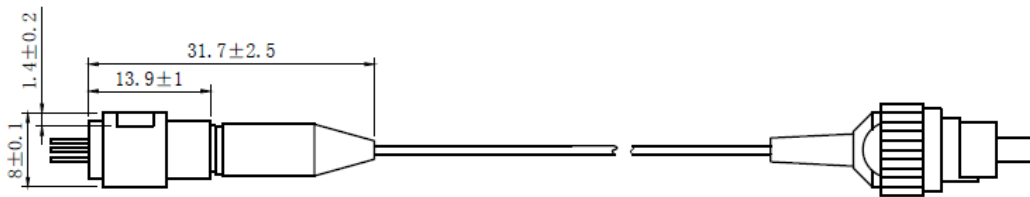
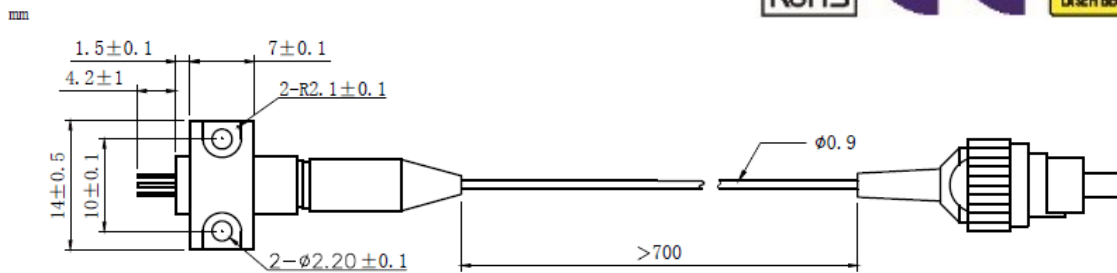
Coaxial Package View: (Part Number: RWLP-505-050m-M)

Electrically shorten LD module and store in non-extreme conditions.

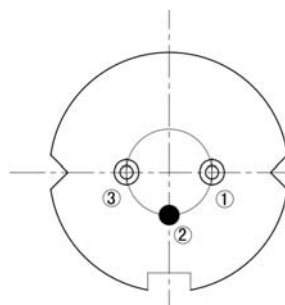
Suggest using the constant current power supply.



B82 Package View: (Part Number: RWLP-505-050m-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.

