
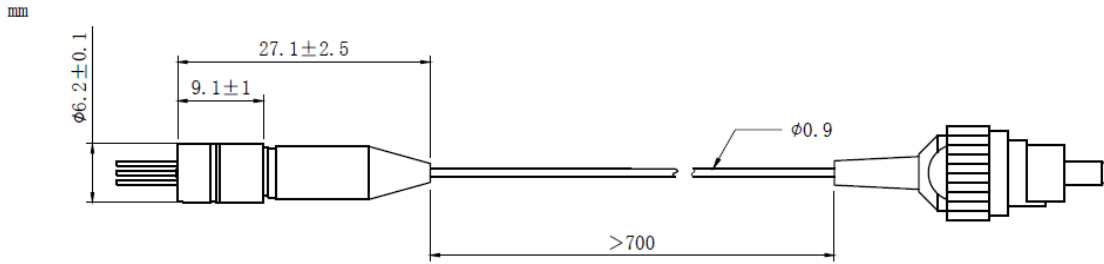


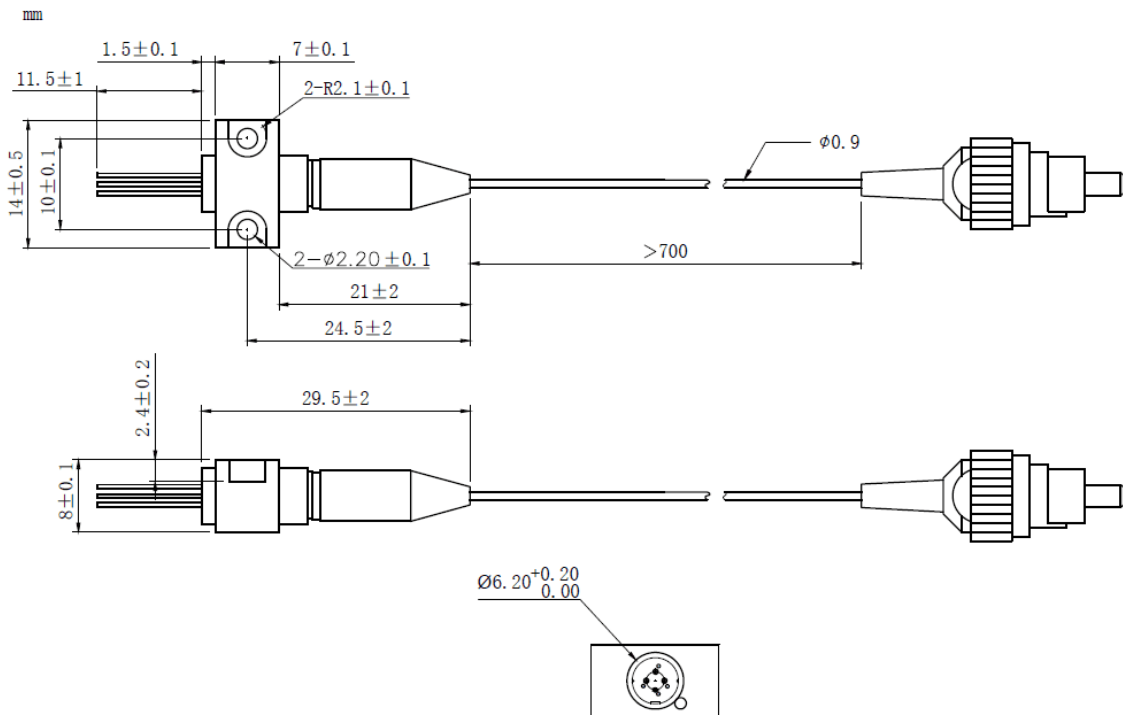
**1570nm 8mW Pigtailed Laser Module with Polarization maintaining Fiber (PM Fiber)**  
**1570nm PM Fiber Coupled LD Module with Coaxial Package (9um Single Mode PM Fiber)**  
**RWLP-1570-008m-PM-DFB-ISO**

PARAMETER	SYMBOL	VALUE	UNIT
LD Reverse Voltage	$V_r$	2.0	V
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	$T_{op}$	-20 ~ +50	°C
Storage Temperature	$T_{stg}$	-40 ~ +100	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>● 1570nm</li> <li>● DFB Laser Diode</li> <li>● Built-in Photodiodes</li> <li>● Built-in Isolator</li> <li>● High Reliability</li> <li>● High Polarization Extinction Ratio</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Test Equipments</li> <li>● Optical Transmitter of Analog Signal</li> <li>● Optical Transmitter of Data Signal</li> </ul>			
<b>Specifications</b>		<b>RWLP-1570-008m-PM-DFB-ISO</b>	
		Min	Type
Center Wavelength@25°C		$\pm 3\text{nm}$	1570nm
Spectral Width(FWHM)		----	0.3nm
Output Power		----	8mW
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	9um		
Recommended Operation Temperature	25°C		
Polarization Extinction Ratio	13dB	15dB	----
Connector	FC/APC		
Threshold Current (Typ.) $I_{th}$	----	5mA	15mA
Operating Current	----	90mA	100mA
Operating Voltage	----	1.4V	1.7V
Optical Isolation		30dB	
Fiber Length	>80cm		
Package Style	Coaxial or B86		
<del>Electrically shorten LD module and store in non-extreme conditions.</del>			
<b>Suggest using the constant current power supply.</b>			

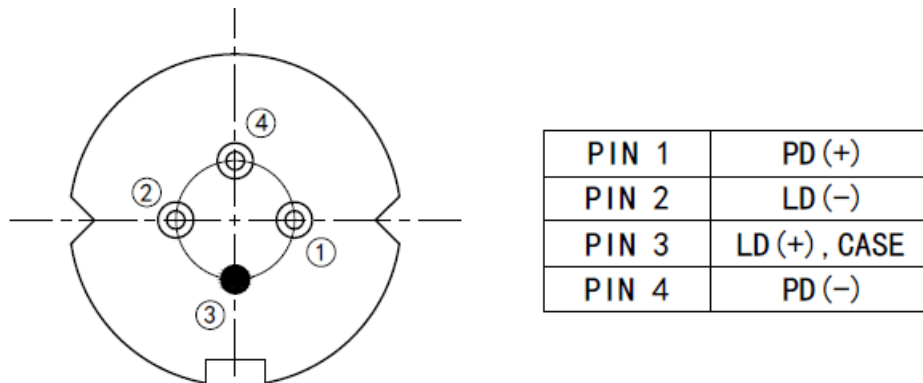
**Coaxial Package View: (Part Number: RWLP-1570-008m-PM-DFB-ISO)**



**B86 Package View: (Part Number: RWLP-1570-008m-PM-B-DFB-ISO)**



**Bottom View: (A-Type)**



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

Suggest using the constant current power supply.

