
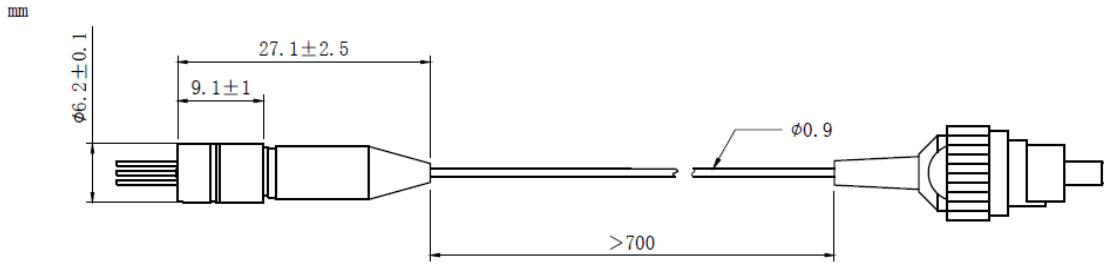


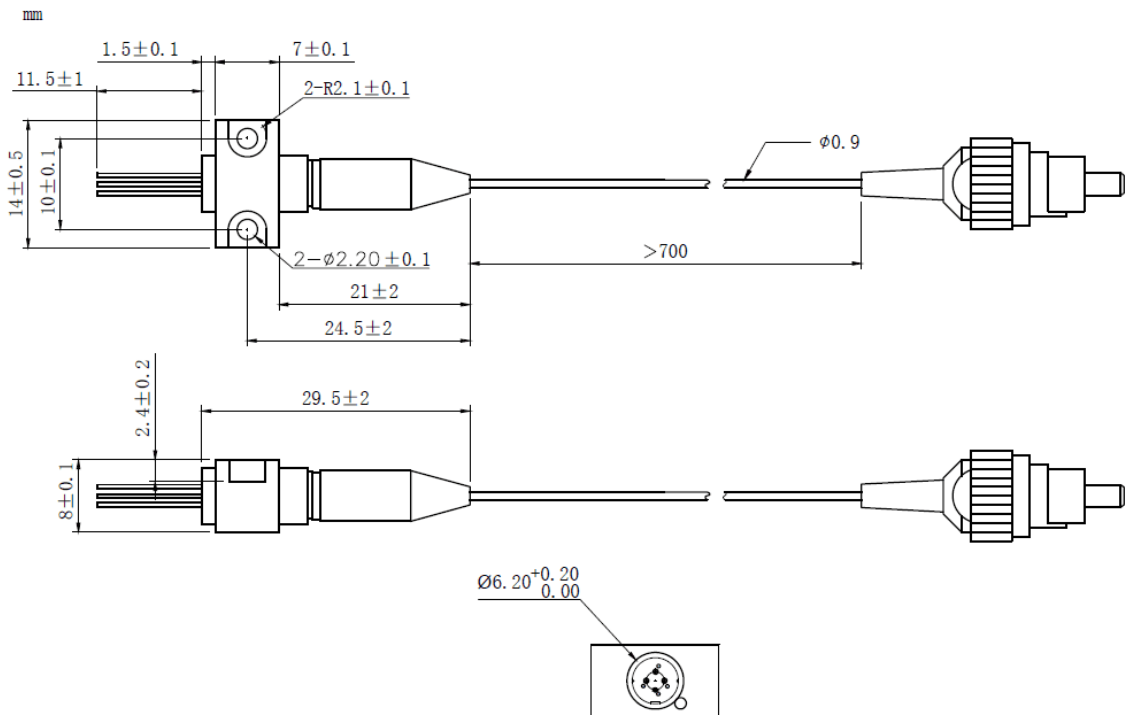
**1470nm 10mW Pigtailed Laser Module with Polarization maintaining Fiber (PM Fiber)**  
**1470nm PM Fiber Coupled LD Module with Coaxial Package (9um Single Mode PM Fiber)**  
**RWLP-1470-010m-PM-DFB-ISO**

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>• 1470nm</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-1470-010m-PM-DFB-ISO</b>		
		Min	Type	Max
Center Wavelength@25°C		$\pm 3\text{nm}$	1470nm	$\pm 10\text{nm}$
Spectral Width(FWHM)		----	0.3nm	1nm
Output Power		----	10mW	----
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			
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.				

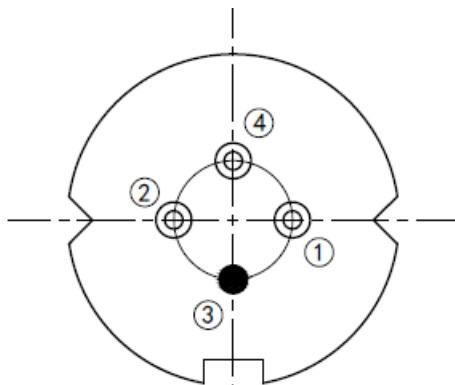
**Coaxial Package View: (Part Number: RWLP-1470-010m-PM-DFB-ISO)**



**B86 Package View: (Part Number: RWLP-1470-010m-PM-B-DFB-ISO)**



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



PIN 1	PD (+)
PIN 2	LD (-)
PIN 3	LD (+), CASE
PIN 4	PD (-)

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

Suggest using the constant current power supply.

