


**980nm 10mW~15mW PM Fiber Coupled Laser Diode with Coaxial Package | Infrared LD Module**  
**976nm~980nm 10mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)**  
**WSLP-980-010m-PM-PD**      Wavespectrum Laser Group      [www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)

<b>980nm Pigtailed Diode Laser</b>	<b>10mW/PM Fiber</b>	<b>en.wavespectrum-laser.com.cn</b>
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PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+50	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

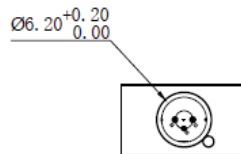
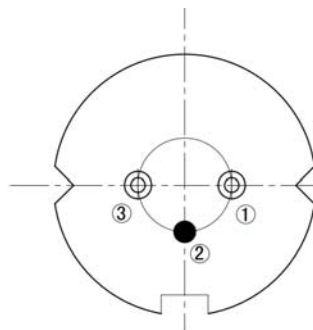
<b>Features:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> 976nm</li> <li><span style="color: yellow;">●</span> PM Fiber</li> <li><span style="color: yellow;">●</span> High Reliability</li> <li><span style="color: yellow;">●</span> High Polarization Extinction Ratio</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Biological Instruments</li> <li><span style="color: yellow;">●</span> Analytical Equipment</li> <li><span style="color: yellow;">●</span> Others</li> </ul>	

Specifications	WSLP-980-010m-PM-PD		
	Min	Type	Max
Center Wavelength@25°C	±5nm	976nm	±15nm
Recommended work Temperature	25°C		
Output Power	----	10mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	6um		
Polarization Extinction Ratio	13dB	15dB	----
Monitor Current	----	0.2mA	----
Fiber Connector	FC/APC		
Fiber Length	----	80cm	----
Threshold Current (Typ.)	----	20mA	45mA
Operating Current (Typ.)	----	125mA	140mA
Operating Voltage	----	1.9V	2.6V
Package Style	Coaxial or B82		

High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.



**Coaxial Package View: (Part Number: WSLP-980-010m-PM-PD)**

**B82 Package View: (Part Number: WSLP-980-010m-PM-B-PD)**

**PIN Bottom View:**


1	LD(-)
2	LD(+)&PD(-)
3	PD(+)



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

