


**1430nm 5mW Pigtailed Laser Module with Polarization maintaining Fiber (PM Fiber)**

**1430nm PM Fiber Coupled LD Module with Coaxial Package (9um Single Mode PM Fiber)**

WSLP-1430-005m-PM-DFB

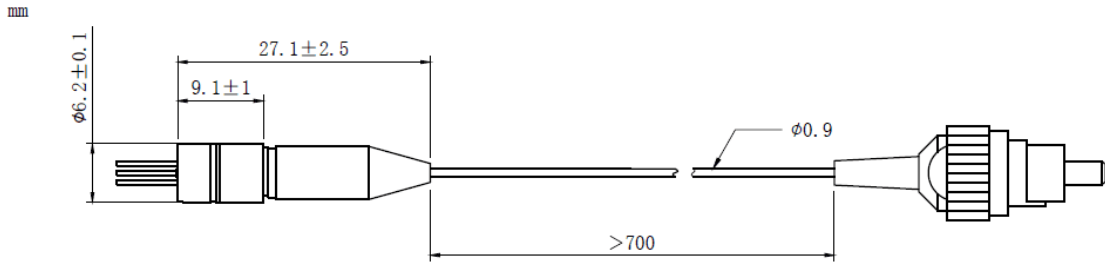
Wavespectrum Laser Group

www.wavespectrum-laser.com

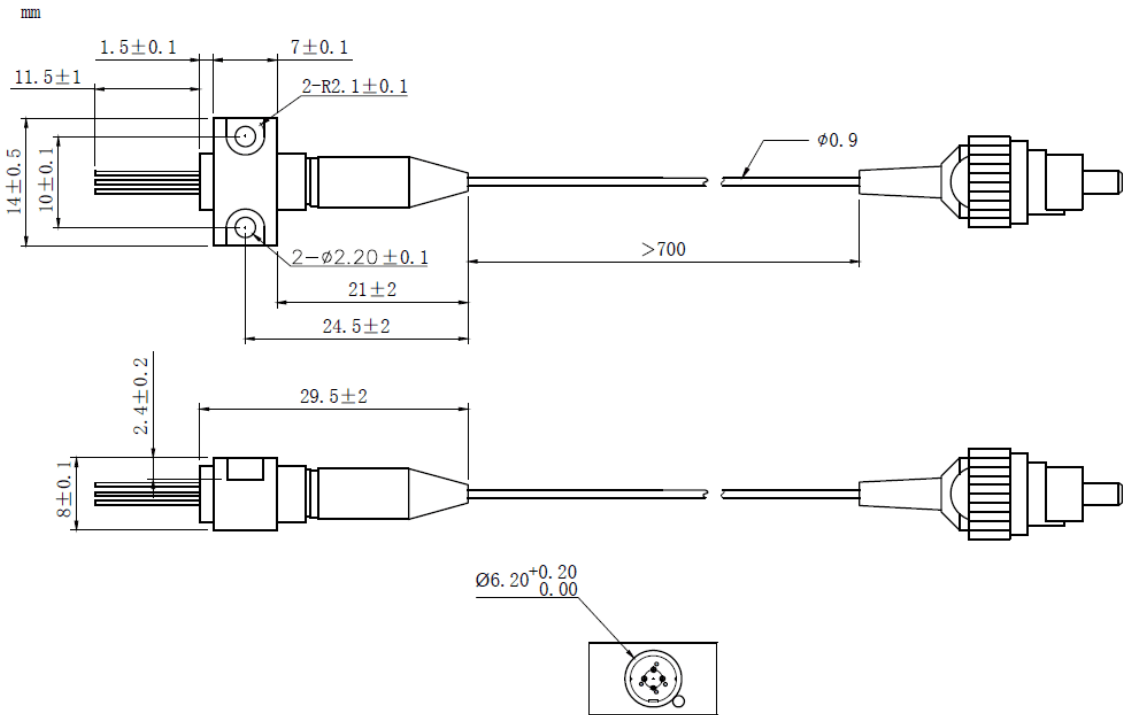
PARAMETER	SYMBOL	VALUE	UNIT
LD Reverse Voltage	$V_r$	2.0	V
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	$T_{op}$	-20~+50	°C
Storage Temperature	$T_{stg}$	-40~+100	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>● 1430nm</li> <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>WSLP-1430-005m-PM-DFB</b>	
		<b>Min</b>	<b>Type</b>
Center Wavelength@25°C		$\pm 3\text{nm}$	1430nm
Spectral Width(FWHM)		----	0.3nm
Output Power		----	5mW
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
Operating Current		----	70mA
Operating Voltage		----	1.4V
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.			



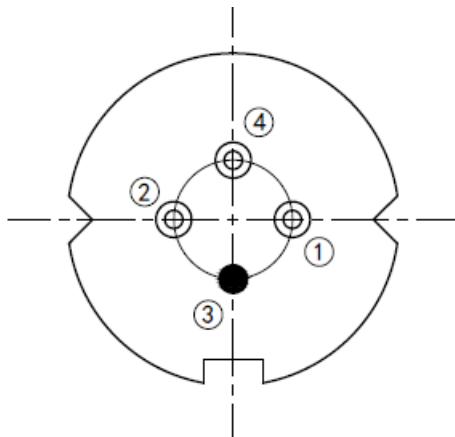
**Coaxial Package View: (Part Number: WSLP-1430-005m-PM-DFB)**



**B86 Package View: (Part Number: WSLP-1430-005m-PM-B-DFB)**



**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.**

