


**785nm 30mw Single Mode Pigtailed Laser diode |SM LD**

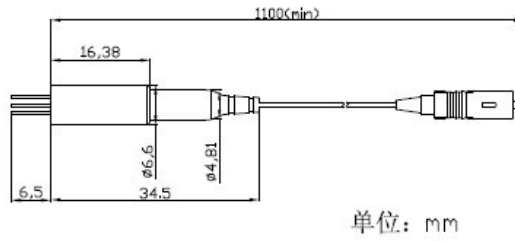
**785nm SM Fiber Coupled Coaxial Laser diodes**

**WSLP-785-030m-4-PD**

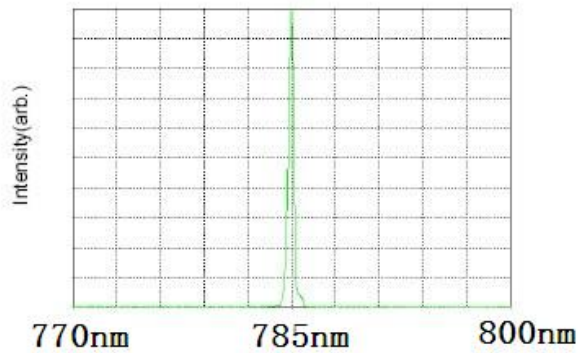
785nm Pigtailed Diode Laser		30mW/SM Fiber		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	$V_r$	2.0	V		
Operating Temperature	$T_{op}$	-10 ~ +50	°C		
Storage Temperature	$T_{stg}$	-40 ~ +85	°C		
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C		
<b>Features:</b> <ul style="list-style-type: none"> <li>● 785nm</li> <li>● SM Fiber</li> <li>● Coaxial package</li> <li>● Built-in PD</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical laser treatment</li> <li>● Others</li> </ul>					
<b>Specifications</b>		<b>WSLP-785-030m-4-PD</b>			
	Min	Type	Max		
Center Wavelength@25°C	775nm	785nm	795nm		
Spectral Width (FWHM)	----	----	----		
Output Power	----	30mw	----		
Fiber Core	4um				
Slope Efficiency	----	1.1mW/mA	----		
Monitor Current	----	<b>0.5mA</b>	----		
PD Reverse Voltage	----	<b>30V</b>	----		
Fiber Connector	FC/ST/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	35mA	----		
Operating Current (Typ.)	----	115mA	----		
Operating Voltage	----	2.0V	----		
Package Style	Coaxial				



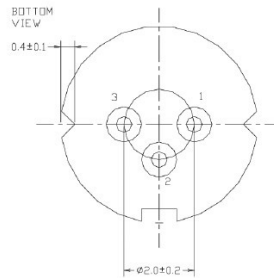
### Coaxial Package View



### Spectrum View



### PIN Bottom View:



<b>1</b>	<b>PD(+)</b>
<b>2</b>	<b>LD(+)&amp;PD(-)</b>
<b>3</b>	<b>LD(-)</b>

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

