


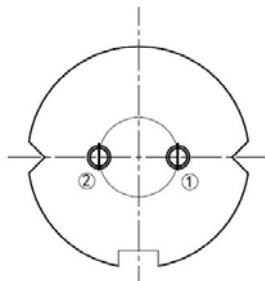
**635nm 80mW High Power PM Fiber Coupled Laser Diode with Coaxial Package | Red Laser Diode**  
**635nm~638nm 80mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)**  
 WSLP-635-080m-PM Wavespectrum Laser Group [www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)

635nm Pigtailed Diode Laser		80mW/PM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	-10~+60		°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>635nm</li> <li>PM Fiber</li> <li>High Reliability</li> <li>High Polarization Extinction Ratio</li> </ul> <b>Applications:</b> <ul style="list-style-type: none"> <li>Biological Instruments</li> <li>Analytical Equipment</li> <li>Others</li> </ul>					
<b>Specifications</b>	<b>WSLP-635-080m-PM</b>				
	Min	Type		Max	
Center Wavelength@25°C	630nm	638nm		645nm	
Recommended work Temperature	25°C				
Output Power	----	80mW		----	
Fiber Type	Polarization Maintaining Fiber				
Fiber Core	4um				
Polarization Extinction Ratio	13dB	15dB		----	
Monitor Current	----	----		----	
Fiber Connector	FC/APC				
Fiber Length	----	80cm		100cm	
Threshold Current	----	70mA		100mA	
Operating Current	----	240mA		260mA	
Operating Voltage	----	2.8V		3.5V	
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-635-080m-PM)**

**B82 Package View: (Part Number: WSLP-635-080m-PM-B)**

**PIN Bottom View:**


1	LD(+)
2	LD(-)



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

