

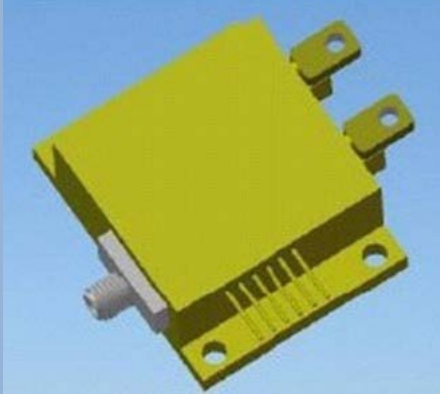
**830nm |1W Output Power | Fiber Detachable LD Module | TEC Cooling Optional**

**830nm Fiber Receptacle Laser Diode|60um 105um 200um 400um MM Fiber**

**WSLR-830-001-H**

**Wavespectrum Laser Group**

**www.wavespectrum-laser.com**

830nm Fiber Detachable Diode Laser		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10 ~ +30	°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>830nm</li> <li>Fiber Detachable</li> <li>TEC Cooling Optional</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Printing</li> <li>Others</li> </ul>			
<b>Specifications</b>	<b>WSLR-830-001-H</b>		
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	830nm	+/-20nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power(After Fiber End)	----	1W	----
Used Fiber Type	200um(105um ,400um,800um Optional)		
Recommended Operating Temperature	25°C		
Detachable Fiber Connector	FC or SMA905		
Threshold Current (Typ.)	----	0.12A	0.17A
Operating Current (Typ.)	----	1.5A	1.7A
Operating Voltage	----	1.9V	2.2V
Package Style	HHL		
Built-in TE Cooling	Optional		



Wavespectrum Laser, Inc.  
 www.wavespectrum-laser.com  
 wavespectrumlaser@gmail.com

