


830nm 30mw Single Mode laser diodes with 5.6mm Package
830nm SM LD with TO18 Package

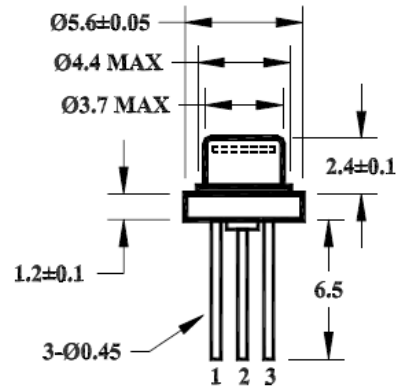
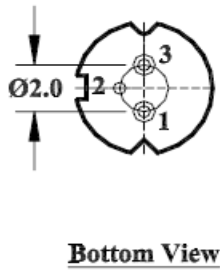
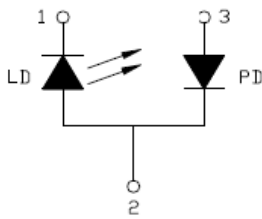
WSLD-830-030m-1-PD

Wavespectrum laser inc.

www.wavespectrum-laser.com

830nm Laser Diode 30mw/PD		Wavespectrum Laser, Inc		
Reverse Voltage	V_r	2	V	
Operating Temperature	T_{op}	-10 ~ +40	°C	
Storage Temperature	T_{stg}	-10 ~ +85	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> ● 830nm ● CW ● Built-in PD ● TO18 package 				
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Laser indicator ● Laser detector 				
Specifications		WSLD-830-030m-1-PD		
		Min	Type	Max
Center Wavelength@25°C		820nm	830nm	840nm
Spectral Width (FWHM)		----	2.0nm	----
Output Power		----	30mW	----
Emitter		----	Single	----
Beam Divergence (FWHM)		----	36° ± x 10° //	----
Monitor Current		----	0.3mA	----
Slope Efficiency		0.3mW/mA	0.7mW/mA	----
Threshold Current (Typ.)		----	23mA	30mA
Operating Current (Typ.)		----	63mA	73mA
Operating Voltage		----	1.7V	2.3V
Package Style		TO18		



TO18(5.6mm) Package View


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



Please contact us:

Website: www.wavespectrum-laser.com (for more detailed information)

Email: info@wavespectrum-laser.com (for inquiry about this product)

