

850nm 100mw SM laser diodes TO18 5.6mm

850nm LD single mode 100mw

WSLD-850-100m-1-PD

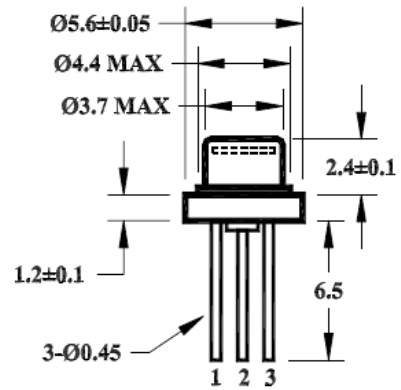
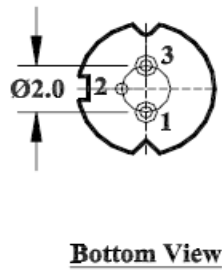
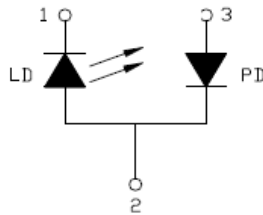
Wavespectrum laser inc.

www.wavespectrum-laser.com

850nm Laser Diode 100mw/PD		Wavespectrum Laser, Inc		
Reverse Voltage	V _r	2	V	
Operating Temperature	T _{op}	-10 ~ +40	°C	
Storage Temperature	T _{stg}	-15 ~ +85	°C	
Lead soldering temperature (10 sec.)	T _{is}	260	°C	
Features: 850nm CW Built-in PD Optional TO18 package				
Applications: Medical laser treatment Laser indicator Laser detector				
Specifications		WSLD-850-100m-1-PD		
		Min	Type	Max
Center Wavelength@25℃		830nm	845nm	860nm
Spectral Width (FWHM)		----	2.0nm	----
Output Power		----	100mW	----
Emitter		----	Single	----
Beam Divergence (FWHM)		22°± x 4° _{//}	32°± x 10° _{//}	42°± x 16° _{//}
Monitor Current		----	0.13mA	----
Slope Efficiency		0.7mW / mA	0.9mW / mA	----
Threshold Current (Typ.)		----	110mA	140mA
Operating Current (Typ.)		----	220mA	280mA
Operating Voltage		1.6V	1.8V	2.2V
Package Style		TO18		
PD		Optional		



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)

