

850nm 100mw SM laser diodes TO18 5.6mm

850nm LD single mode 100mw

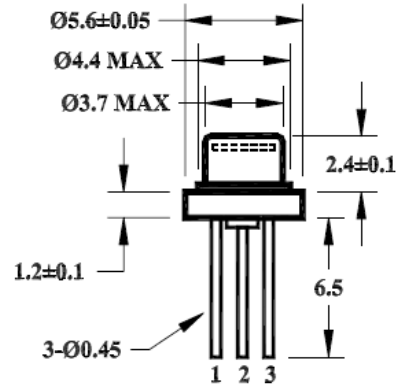
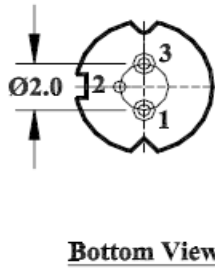
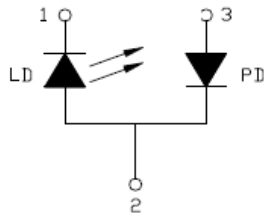
WSLD-850-100m-1-PD

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: <ul style="list-style-type: none"> ● 850nm ● CW ● Built-in PD Optional ● TO18 package 				
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Laser indicator ● Laser detector 				
Specifications		WSLD-850-100m-1-PD		
		Min	Type	Max
Center Wavelength@25°C		830nm	845nm	860nm
Spectral Width (FWHM)		----	2.0nm	----
Output Power		----	100mW	----
Emitter		----	Single	----
Beam Divergence (FWHM)		22° \perp x 4° \parallel	32° \perp x 10° \parallel	42° \perp x 16° \parallel
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)

