

850nm 300mw laser diodes

850nm LD 300mw TO18 5.6mm package

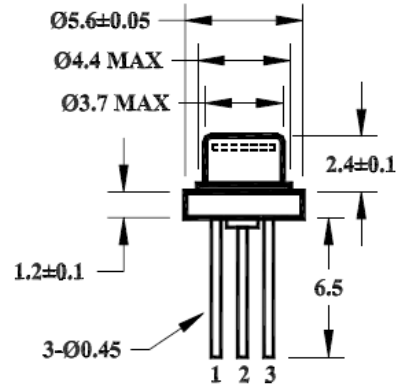
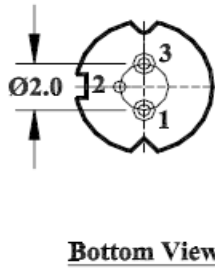
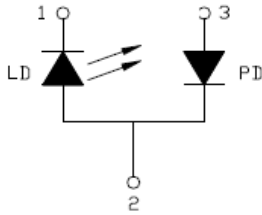
WSLD-850-300m-1-PD

Wavespectrum laser inc.

www.wavespectrum-laser.com

850nm Laser Diode 300mw/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-850-300m-1-PD		
		Min	Type	Max
Center Wavelength@25°C		830nm	845nm	860nm
Spectral Width (FWHM)		----	2.0nm	----
Output Power		----	300mW	----
Emitter		----	Single	----
Beam Divergence (FWHM)		22°± x 4°//	32°± x 10°//	42°± x 16°//
Monitor Current		----	----	----
Slope Efficiency		0.6mW/mA	0.8mW/mA	----
Threshold Current (Typ.)		----	140mA	170mA
Operating Current (Typ.)		----	520mA	670mA
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)

