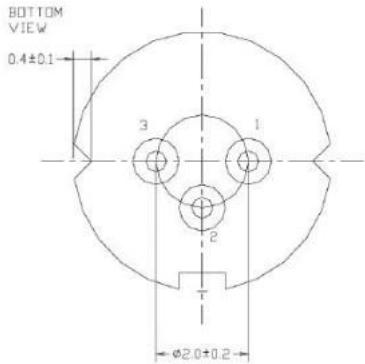


850nm Laser Diode 1W			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V _r	2	V
Operating Temperature	T _{op}	-10~+60	°C
Storage Temperature	T _{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C
Features: 850nm - Multi-Mode Laser Diode - TO18 Package			
Applications: - Medical laser treatment - Laser indicator - Others			
Specifications		WSLD-850-001-1	
	Min	Type	Max
Center Wavelength@25℃	840nm	850nm	860nm
Spectral Width(FWHM)	----	2.0nm	----
Output Power	----	1W	----
Emitter Size	----	50um*1um	----
Beam Divergence (FWHM)	----	10°±x 36°//	----
Monitor Current	----	----	----
Slope Efficiency	1.0mW/mA	1.2mW/mA	----
Threshold Current (Typ.)	----	240mA	----
Operating Current (Typ.)	----	1A	1.4A
Operating Voltage	----	2.4V	2.5V
Package Style	TO18		
Built-in Photodiodes	No		

PIN Bottom View:



1	LD(-)
2	LD(+)
3	LD(-)

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



ATTENTION

**OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES**