

780nm 3W TO3 Package Laser Diode

780nm~785nm Laser Diode| High Power LD| 3W Power| TO Package

WSLD-785-003-3

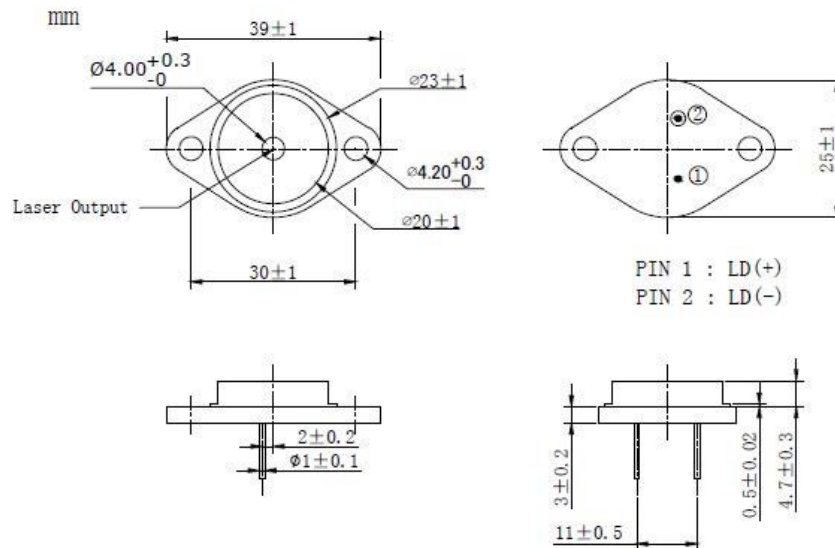
Wavespectrum Laser Group

www.wavespectrum-laser.com

785nm Laser Diode 3W		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 785nm - Multimode - TO3 package Applications: - Medical laser treatment - Laser indicator - Laser detector			
Specifications		WSLD-785-003-3	
	Min	Type	Max
Center Wavelength@25°C	----	785nm+/-10nm	----
Spectral Width (FWHM)		2.0nm	
Output Power	----	3W	----
Emitter Area	----	150x1μm	----
Beam Divergence (FWHM)	----	34° _⊥ x 8° _{//}	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.1W/A	----
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	3.3A	----
Operating Voltage	----	2.0V	----
Package Style	TO3		
Recommended Operating Temperature	25°C		



T03 Package View



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

