

490nm~495nm 80mW Single Mode Laser Diode| High Power Sky Blue LD | TO18 Package

492nm~495nm LD| 80mW Power|5.6mm Package Blue SM Diode Laser

WSLD-495-080m-1

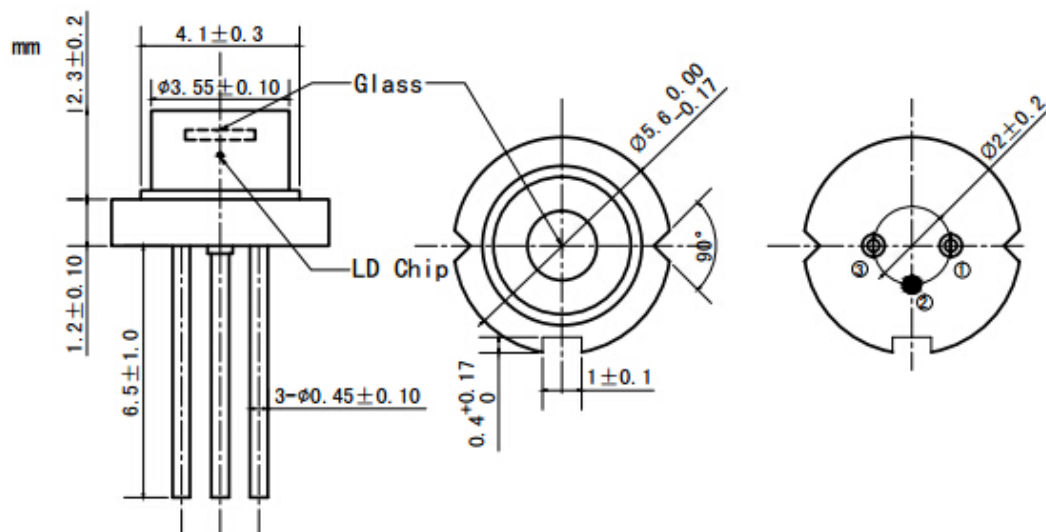
Wavespectrum Laser Group.

www.wavespectrum-laser.com

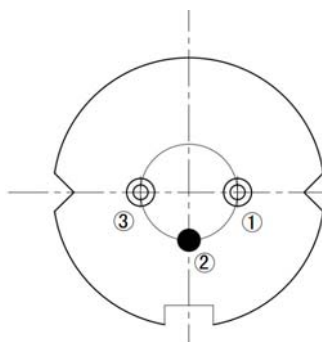
495nm Laser Diode		80mW/TO18		Wavespectrum Laser Group	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 495nm 80mW TO18 Package					
Applications: Medical Laser Treatment Laser Indicator Laser Detector					
Specifications			WSLD-495-080m-1		
			Min	Type	Max
Center Wavelength@25°C			495nm±10nm		
Spectral Width (FWHM)			2.0nm		
Output Power			----	80mW	----
Laser Mode			Single Mode		
Beam Divergence (FWHM)			----	24° _⊥ x 8° _∥	26° _⊥ x 12° _∥
Threshold Current (Typ.)			----	30mA	65mA
Operating Current (Typ.)			----	130mA	150mA
Operating Voltage			----	6.5V	8.0V
Recommended Operating Temperature			25°C		
Package Style			TO18		



PIN Bottom View:



PIN Bottom View:



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

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

