

480nm~482nm 80mW Single Mode Laser Diode| High Power Sky Blue LD | TO18 Package

480nm LD| 80mW Power|5.6mm Package Blue SM Diode Laser

WSLD-480-080m-1

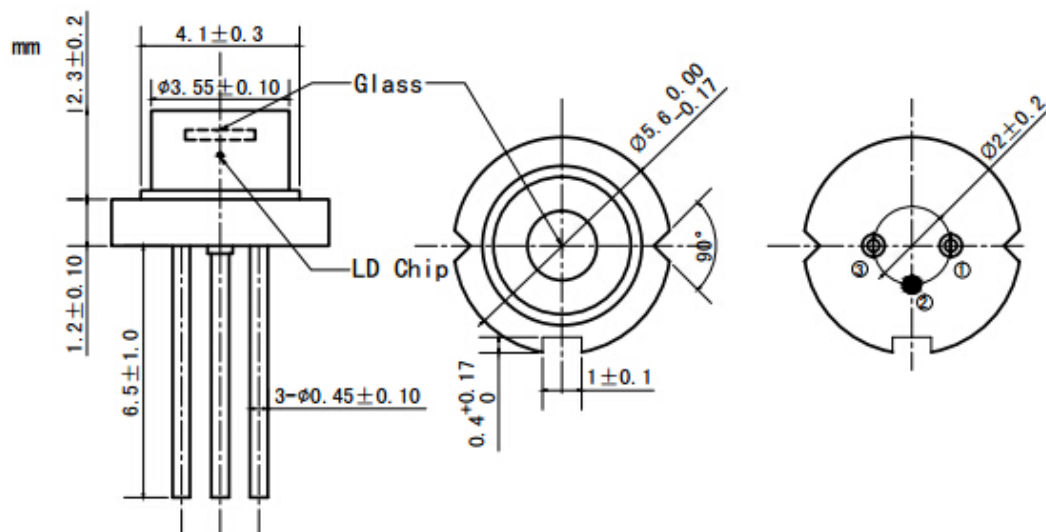
Wavespectrum Laser Group.

www.wavespectrum-laser.com

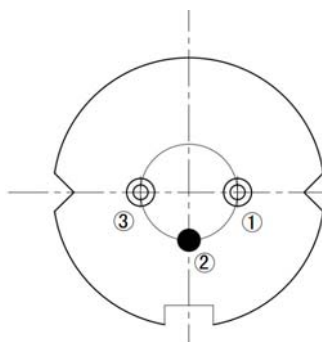
480nm Laser Diode		80mW/TO18		Wavespectrum Laser Group	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 480nm 80mW TO18 Package					
Applications: Medical Laser Treatment Laser Indicator Laser Detector					
Specifications			WSLD-480-080m-1		
		Min	Type	Max	
Center Wavelength@25°C		480nm±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.

