

1550nm 20mW DFB laser diodes | TO18 5.6mm LD | Flat Window Optional

1550nm 20mW Single Mode LD | With Non-spherical Lens

WSLD-1550-020m-1-PD

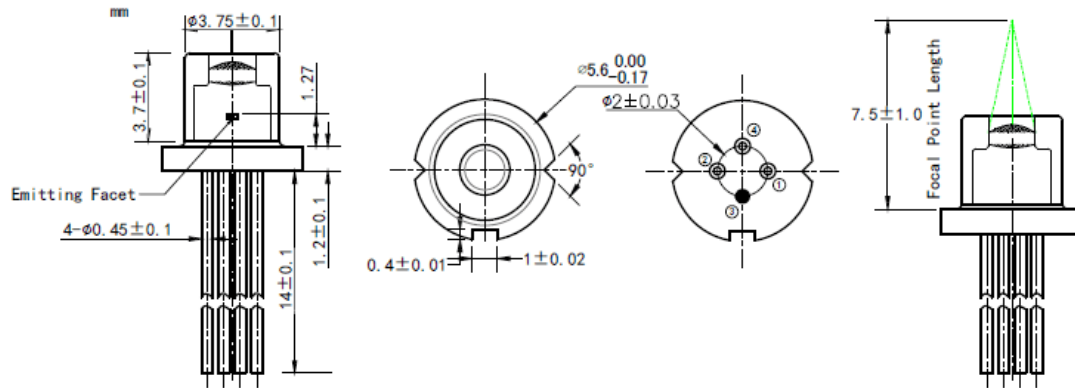
Wavespectrum laser Group

www.wavespectrum-laser.com

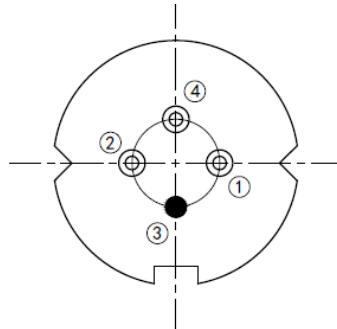
1550nm Laser Diode		20mW	Single mode /DFB		en.wavespectrum-laser.com.cn	
Reverse Voltage	V _r	2.0		V		
Operating Temperature	T _{op}	-20 ~ +45		°C		
Storage Temperature	T _{stg}	-40 ~ +85		°C		
Lead soldering temperature (10 sec.)	T _{is}	260		°C		
Features:						
1550nm - Single Mode Beam - DFB LD - With Non-spherical lens - Built-in PD						
Applications:						
- Optical Fiber Communication - Free-space Optical Communication						
Specifications		WSLD-1550-020m-1-PD				
Center Wavelength@25℃		1550+ / -10nm				
Output Power		20mW				
Spectral Width (FWHM)		<3nm				
Laser Type		DFB				
Recommend Operating Temperature		25℃				
Threshold Current (Typ.)		10mA				
Operating Current (Typ.)		90mA				
Operating Voltage		1.4V				
Monitor Current		50uA	500uA	5mA		
Package Style		TO18				
Window Type		Flat Window (Optional)				
		Non-Spherical-Lens Window （standard）				



Package View:



PIN Bottom View (A-Type):



PIN 1	PD (+)
PIN 2	LD (-)
PIN 3	LD (+), CASE
PIN 4	PD (-)

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

