

1550nm 20mW DFB Laser Diodes | TO18 5.6mm LD | Flat Window Optional
1550nm 20mW Single Mode LD | With Non-Spherical Lens | Built-in Photodiode

WSLD-1550-020m-1-PD

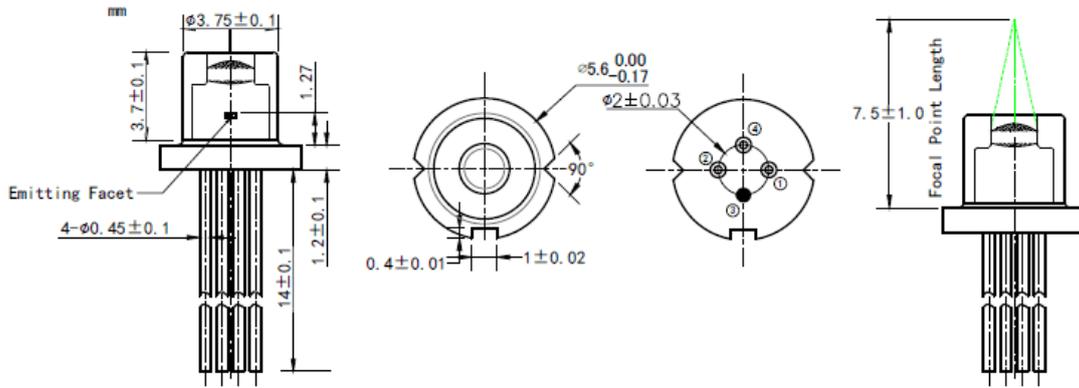
Wavespectrum laser Group

www.wavespectrum-laser.com

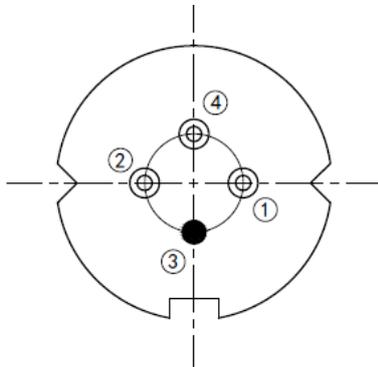
1550nm Laser Diode	20mW	Single mode /DFB	en.wavespectrum-laser.com.cn	
Reverse Voltage	V_r	2.0	V	
Operating Temperature	T_{op}	-10~+50	°C	
Storage Temperature	T_{stg}	-40~+85	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> 1550nm DFB Laser Built-in PD With Non-Spherical Lens Flat Window Optional 				
Applications: <ul style="list-style-type: none"> Optical Fiber Communication Free-space Optical Communication 				
Specifications	WSLD-1550-020m-1-PD			
	Min	Type	Max	
Center Wavelength@25°C	±3nm	1550nm	±10nm	
Spectral Width (FWHM)		----	2nm	
Output Power		20mW		
Recommend Operating Temperature	25°C			
Laser Type	DFB			
Reverse current (PD) I_{rp}		0.5mA		
Reverse voltage (PD) V_{rp}		----	15V	
Threshold Current (Typ.)		5mA	15mA	
Operating Current (Typ.)		90mA	100mA	
Operating Voltage		1.4V	1.7V	
Package Style	TO18			
Window Type	Flat Window (Optional)			
	Non-Spherical-Lens Window (standard)			



Package View:

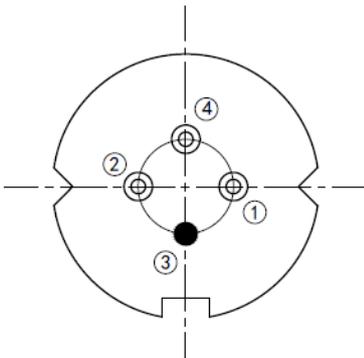


PIN Bottom View (A-Type):



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

PIN Bottom View (B-Type):



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

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

Suggest using the constant current power supply.

