

# 1550nm 15mW DFB laser diodes | TO18 5.6mm LD | With Flat Window

## 1550nm 15mW Single Mode LD

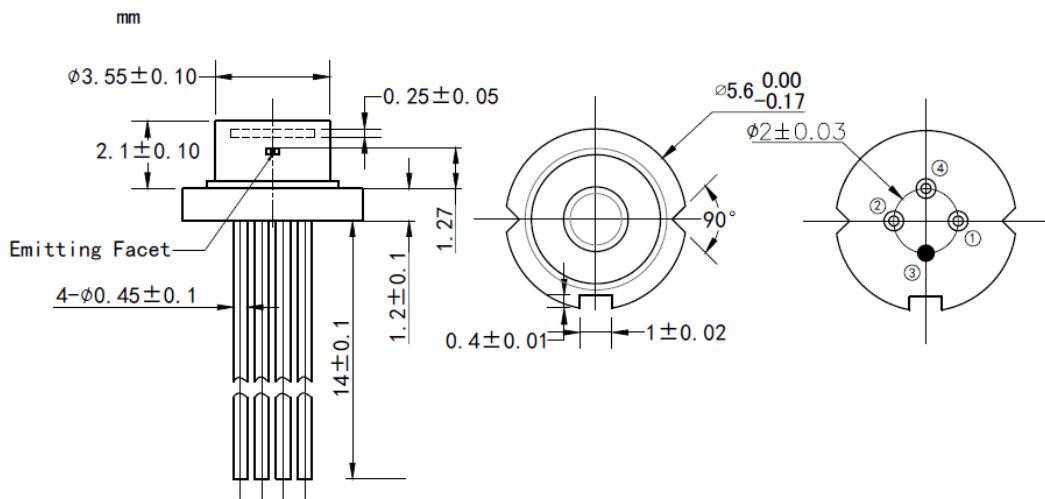
WSLD-1550-015m-1-PD-F

Wavespectrum laser Group

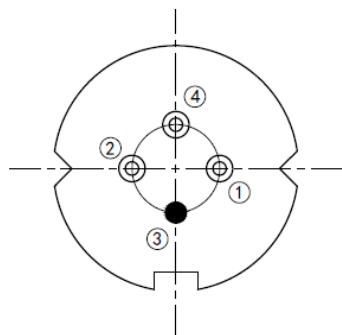
1550nm Laser Diode	15mW	Single mode /DFB	en.wavespectrum-laser.com.cn
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-20~+45	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b>	<ul style="list-style-type: none"><li>◆ 1550nm</li><li>◆ Single Mode Beam</li><li>◆ DFB LD</li><li>◆ With Flat window</li><li>◆ Built-in PD</li></ul>		
<b>Applications:</b>	<ul style="list-style-type: none"><li>◆ Optical Fiber Communication</li><li>◆ Free-space Optical Communication</li></ul>		
<b>Specifications</b>	WSLD-1550-015m-1-PD-F		
Center Wavelength@25°C	1550+/-10nm		
Output Power	15mW		
Spectral Width (FWHM)	<3nm		
Laser Type	DFB		
Recommend Operating Temperature	25°C		
Beam Divergence (FWHM)	20°± x 9°//		
Threshold Current (Typ.)	10mA		
Operating Current (Typ.)	75mA		
Operating Voltage	1.4V		
Monitor Current	0.5mA		
Package Style	TO18		
Window Type	Flat Window		



**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.**

