

1310nm 30mW DFB Laser Diodes| TO18 5.6mm LD | With Flat Window

1310nm 30mW Single Mode LD | Built-in Photodiode

WSLD-1310-030m-1-PD-F

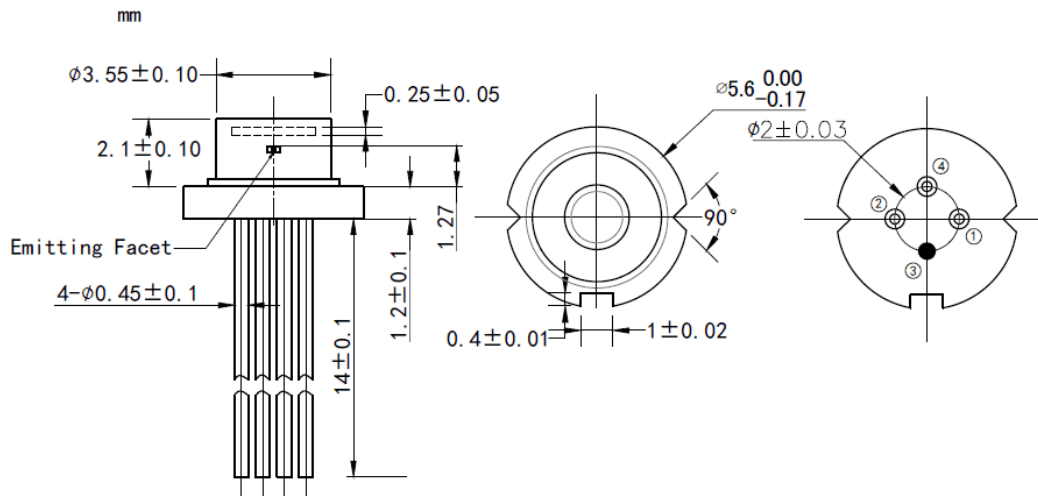
Wavespectrum Laser Group

www.wavespectrum-laser.com

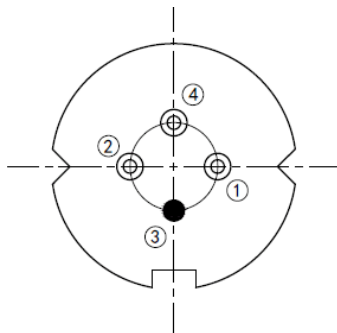
1310nm Laser Diode		30mW	Single mode/DFB	en.wavespectrum-laser.com.cn
Reverse Voltage	V _r	2.0	V	
Operating Temperature	T _{op}	-20 ~ +45	°C	
Storage Temperature	T _{stg}	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	T _{is}	260	°C	
Features: 1310nm - Single Mode Beam - DFB LD - With Flat Window - Built-in PD				
Applications: - Optical Fiber Communication - Free-space Optical Communication				
Specifications		WSLD-1310-030m-1-PD-F		
Center Wavelength@25℃		1310+/-10nm		
Spectral Width (FWHM)		<3nm		
Output Power		30mW		
Recommend Operating Temperature		25℃		
Laser Type		DFB		
Beam Divergence (FWHM)		20° _⊥ x 9° _∥		
Threshold Current (Typ.)		10mA		
Operating Current (Typ.)		90mA		
Operating Voltage		1.4V		
Reverse current (PD) I _{rp}		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.

