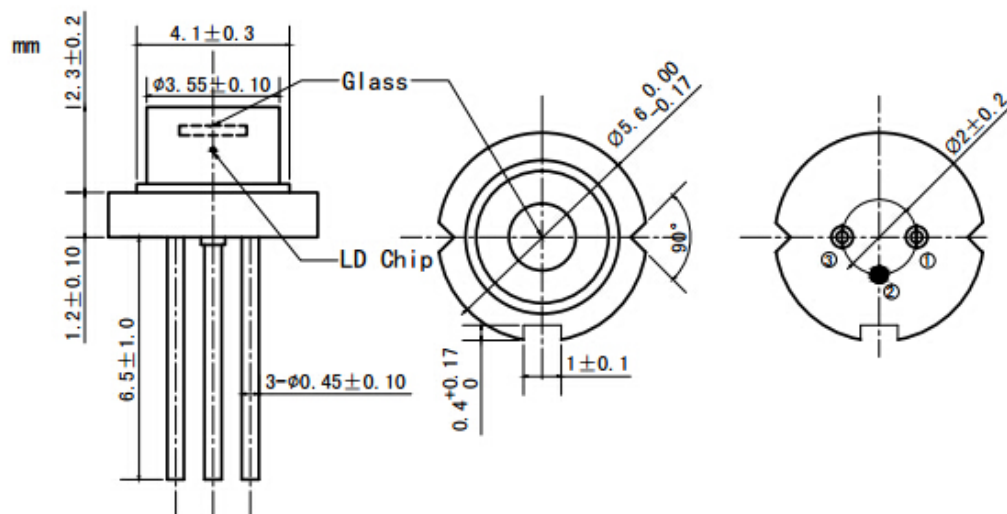


780nm-785nm 120mW~130mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package
785nm 120mW SM Infrared Laser Diodes |Single Mode LD With Photodiode|120mW Power
WSLD-785-120m-1-PD **Wavespectrum laser Group** **www.wavespectrum-laser.com**

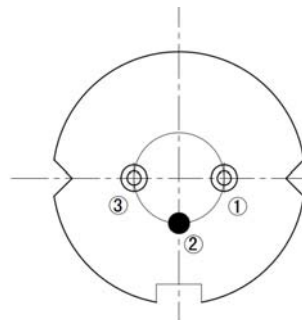
785nm Laser Diode PD 120mW/SM		en.wavespectrum-laser.com.cn	
Reverse Voltage	V _r	2.0	V
Operating Temperature	T _{op}	-10 ~ +60	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C
Features: 785nm Single Mode Built-in PD TO18 Package			
Applications: Medical Laser Treatment Laser Indicator Laser Detector			
Specifications		WSLD-785-120m-1-PD	
	Min	Type	Max
Center Wavelength@25℃	775nm	785nm	795nm
Spectral Width (FWHM)	2.0nm		
Output Power		120mW	
Laser Type	FP		
Beam mode	Single Transverse Mode		
Recommend Operating Temperature	25℃		
Beam Divergence (FWHM)		17° _⊥ x 10° _∥	
Monitor Current		0.3mA	
Slope Efficiency		0.9mW / mA	
Threshold Current (Typ.)		35mA	60mA
Operating Current (Typ.)		170mA	200mA
Operating Voltage		2.4V	3.0V
Package Style	TO18		



TO18(5.6mm) Package View



PIN Bottom View:



1	LD(-)
2	LD(+)&PD(-)
3	PD(+)

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



Wavespectrum Laser Group
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