780nm～785nm 120mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package

780nm SM Infrared Laser Diodes |Single Mode LD | Built-in Photodiode

WSLD-780-120m-1-PD **Wavespectrum laser Group** **www.wavespectrum-laser.com**

780nm Laser Diode PD 120mW/TO18 **en.wavespectrum-laser.com.cn**

Reverse Voltage	V_r	**2.0**	**V**
Operating Temperature	T_{op}	**-20~+60**	**℃**
Storage Temperature	T_{stg}	**-40~+85**	**℃**
Lead soldering temperature (10 sec.)	T_{ls}	**260**	**℃**

Features:

- 780nm
- Single Mode LD
- Built-in PD
- TO18 Package

Applications:

- Medical Laser Treatment
- Laser Indicator
- Laser Detector

Specifications	**WSLD-780-120m-1-PD**		
	Min	**Type**	**Max**
Center Wavelength@25℃	**780nm±10nm**		
Spectral Width (FWHM)	**2.0nm**		
Output Power (CW)	**120mW**		
Recommend Operating Temperature	**25℃**		
Beam mode	**Single Transverse Mode**		
Beam Divergence (FWHM)	**35°⊥ x 5°//**	**36°⊥ x 9°//**	**42°⊥ x 12°//**
Monitor Current		**0.2mA**	
Slope Efficiency	**----**	**1.0mW/mA**	**----**
Threshold Current (Typ.)	**----**	**35mA**	**65mA**
Operating Current (Typ.)	**----**	**150mA**	**170mA**
Operating Voltage	**----**	**2.0V**	**2.4V**
Package Style	**TO18**		
Photodiode	**Built-in**		

Wavespectrum Laser Group
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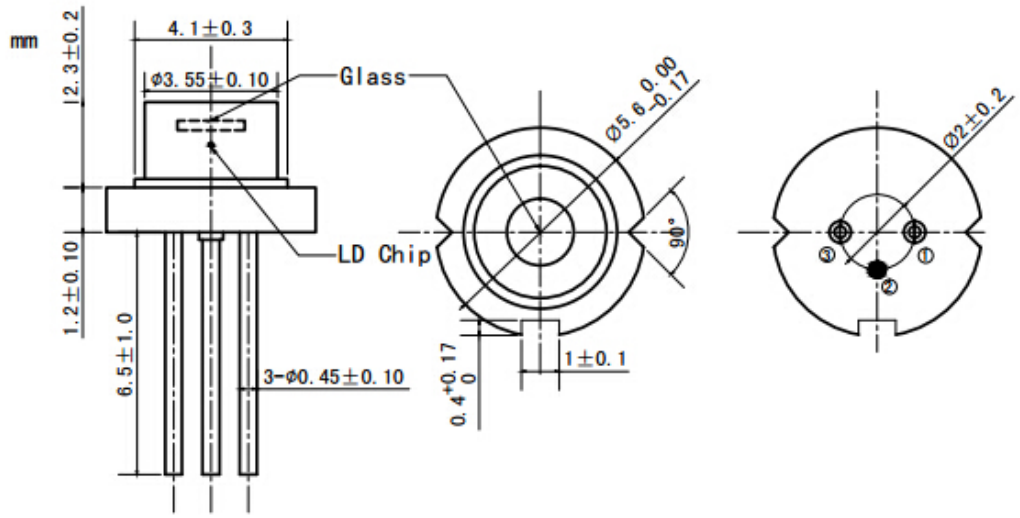
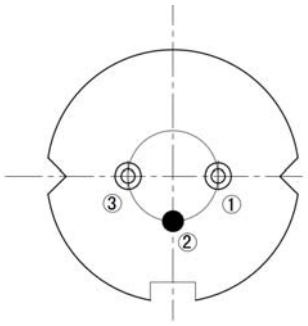
TO18(5.6mm) Package View



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.

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