808nm 30mW～40mW SM laser diodes with 5.6mm Package | Single Mode LD with PD
808nm～810nm 40mW Single Mode Laser Diode with TO18 Package | Built-in Photodiode
WSLD-808-040m-1-PD **Wavespectrum Laser Group.** **www.wavespectrum-laser.com**

808nm Laser Diode 40mW		Wavespectrum Laser Group	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+45	℃
Storage Temperature	T_{stg}	-40~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 808nm
- CW
- TO18 package
- **Built-in Photodiodes**

Applications:

- Medical laser treatment
- Laser indicator
- Laser detector

Specifications	WSLD-808-040m-1-PD		
	Min	Type	Max
Center Wavelength@25℃	±3nm	808nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	30mW	----	40mW
Recommended Work Temperature	25℃		
Beam Divergence (FWHM)	----	26°$_{\perp}$ x 10°$_{//}$	----
Slope Efficiency	----	0.75mW/mA	----
Threshold Current (Typ.)	----	30mA	50mA
Operating Current (Typ.)	----	80mA	100mA
Operating Voltage	----	2.0V	2.5V
Package Style	TO18		

Wavespectrum Laser Group
www.wavespectrum-laser.com
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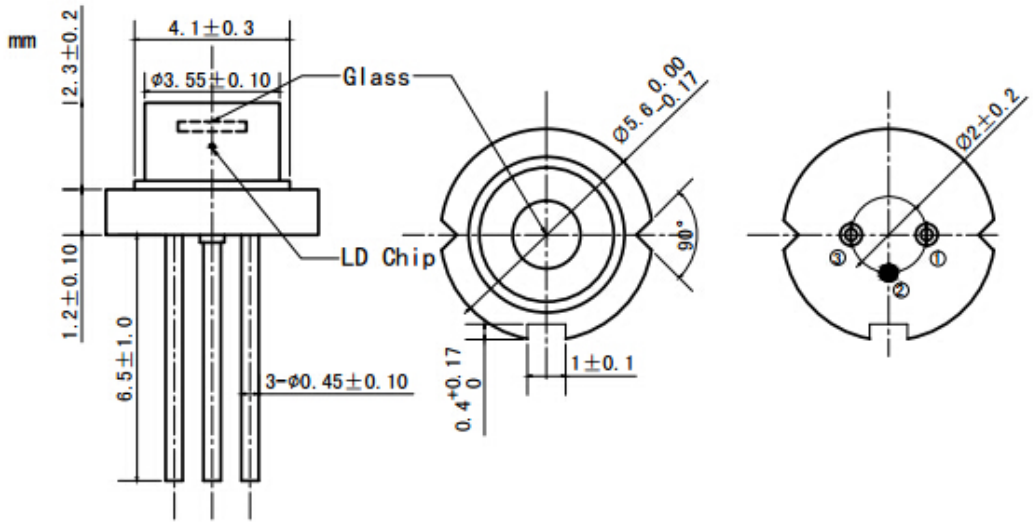
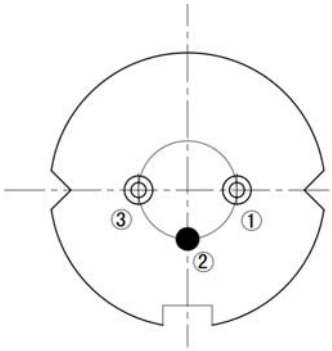
TO18(5.6mm) Package View



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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