650nm~660nm 100mW～130mW Single Mode Laser Diode| SM LD

650nm 5.6mm TO18 Package|130mW| Red Laser Diode

WSLD-650-130m-1 Wavespectrum Laser Group www.wavespectrum-laser.com

650nm Laser Diode 130mw Wavespectrum Laser Group

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

Features:

- 650nm
- Single Mode
- TO18 package

Applications:

- Medical laser treatment
- Laser indicator

Specifications	WSLD-650-130m-1		
	Min	Type	Max
Center Wavelength@25℃	650nm	658nm	665nm
Spectral Width (FWHM)		2.0nm	
Output Power	----	100mW	130mW
Emitter		Single	
Beam Divergence (FWHM)	----	11°⊥ x 17°//	----
Monitor Current		----	
PD Reverse Voltage		----	
PD Forward Current		----	
Slope Efficiency	----	1.1mW/mA	----
Threshold Current (Typ.)	----	50mA	70mA
Operating Current (Typ.)	----	150mA	200mA
Operating Voltage	----	2.6V	3.0V
Package Style		TO18（5.6mm）	

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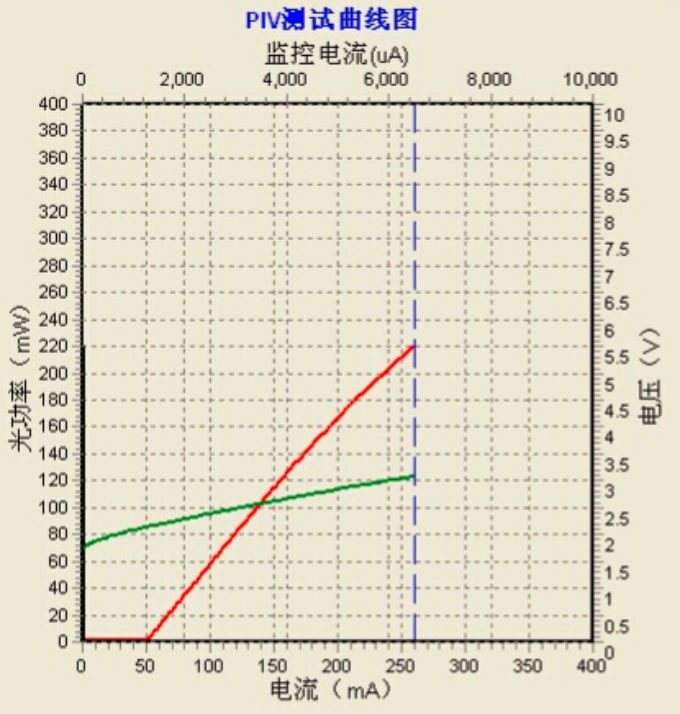
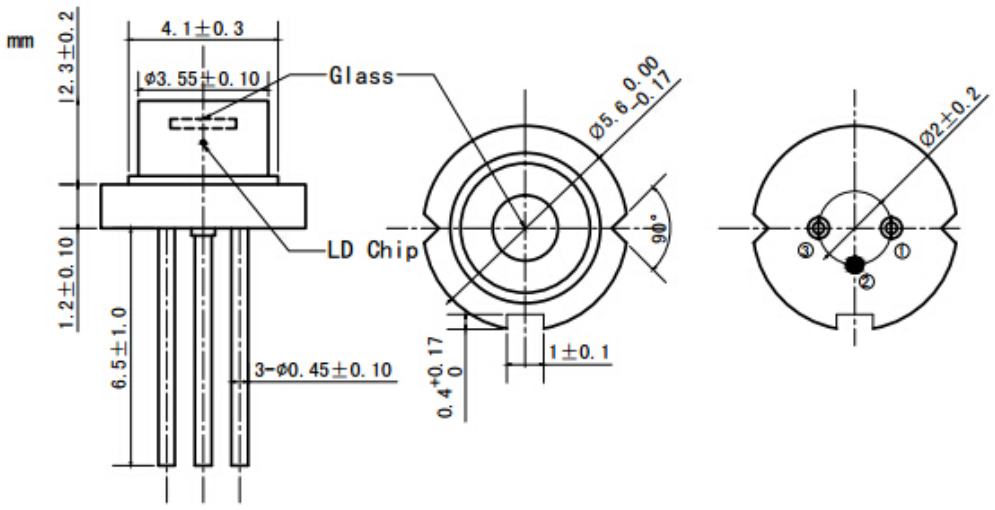
PVI Curve



TO18(5.6mm) Package View



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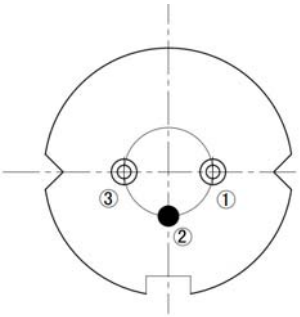
PIN Bottom View:



1	**LD(+)**
2	**LD(-)**
3	**NC**

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

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