650nm~660nm 150mW Single Mode Laser Diode| SM LD | Red Laser Diode
658nm～660nm 5.6mm TO18 Package|150mW| SM LD
RWLD-650-150m-1

658nm Laser Diode 150mW/TO18

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:

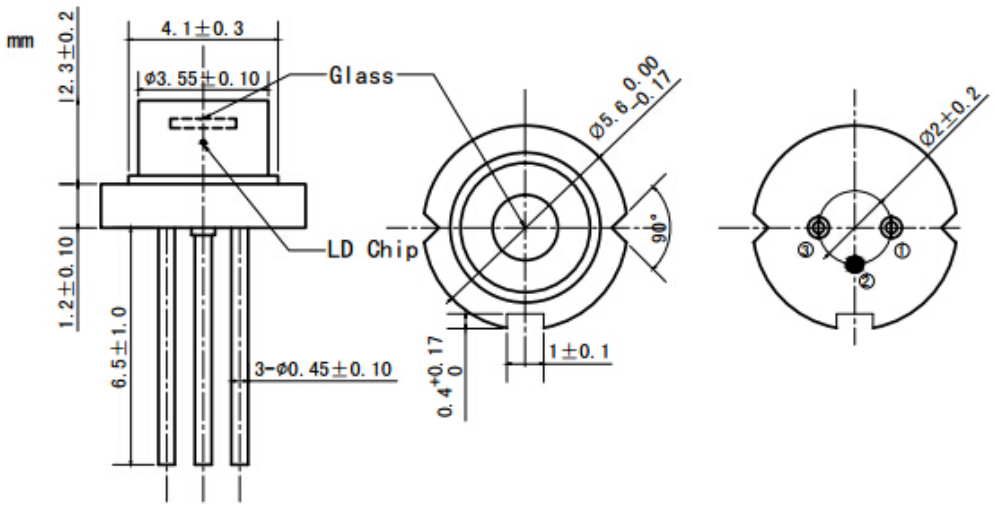
- 658nm
- Single Mode Beam
- TO18 Package

Applications:

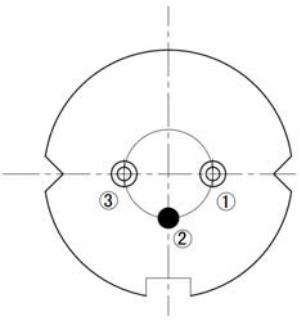
- Medical Laser Treatment
- Laser Indicator
- Others

Specifications	RWLD-650-150m-1		
	Min	Type	Max
Center Wavelength@25℃	±5nm	658nm	±10nm
Spectral Width (FWHM)		2.0nm	
Output Power （CW）	----	150mW	----
Emitter		Single	
Beam Divergence (FWHM)	----	15°⊥ x 10°//	18°⊥ x 13°//
Recommended Operating Temperature		25℃	
Slope Efficiency	0.8mW/mA	1.0mW/mA	----
Threshold Current (Typ.)	----	55mA	80mA
Operating Current (Typ.)	----	220mA	240mA
Operating Voltage	----	2.8V	3.5V
Package Style		TO18（5.6mm）	

TO18(5.6mm) Package View



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.