405nm～410nm 10mW～20mW SM Laser Diode | Single Mode LD With Photodiode

405nm LD| 10mW Power|TO18 Package

RWLD-405-010m-1-PD

405nm Laser Diode 10mW/TO18

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0～+75	℃
Storage Temperature	T_{stg}	-40 ～+85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

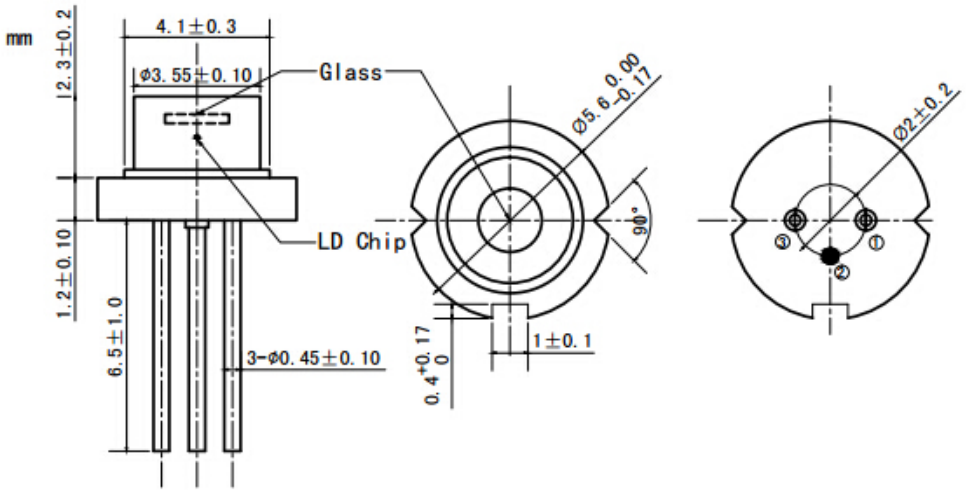
- 405nm
- CW
- TO18 Package
- Single Mode Beam

Applications:

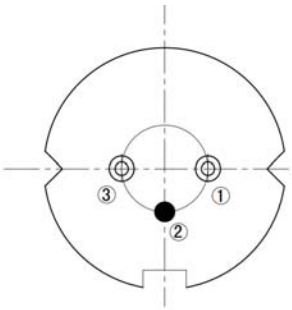
- Medical Cure
- Printing
- Others

Specifications	RWLD-405-010m-1-PD		
	Min	Type	Max
Center Wavelength@25℃	405nm±10nm		
Spectral Width (FWHM)	2.0nm		
Output Power	----	10mW	----
Emitter	Single		
Beam Divergence (FWHM)	15°⊥ x 5°//	19°⊥ x 9°//	24°⊥ x 12°//
Monitor Current	----	0.2mA	----
PD Reverse Voltage	----	----	30V
Recommended Operating Temperature	25℃		
Slope Efficiency	----	1.0mW/mA	----
Threshold Current (Typ.)	----	25mA	----
Operating Current (Typ.)	----	40mA	----
Operating Voltage	----	4.8V	5.8V
Package Style	TO18(5.6mm)		

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.