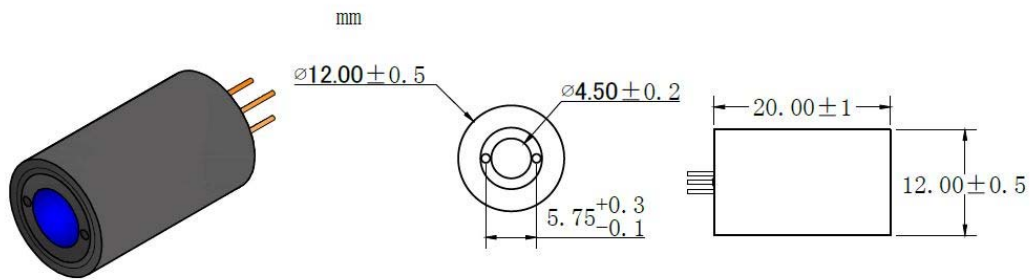


405nm 150mw Collimated Laser Diode Module | Single Mode LD| 150mw Output Power| Collimation Beam
405nm LD| Small Compact Package| Built-in TEC Cooling Optional
WSLM-405-150m-K **Wavespectrum Laser Group.** **www.wavespectrum-laser.com**

405nm Collimated Laser Diode		150mW	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +70		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
✿ 405nm				
✿ CW/ Pulsed Mode				
✿ Collimated Laser Beam				
✿ Small Compact Package				
✿ Excellent Beam Quality				
✿ Built-in TEC Cooling Optional				
Specifications		WSLM-405-150m-K		
		Min	Type	Max
Center Wavelength@25℃		±5nm	405nm	±10nm
Output Power		----	150mW	----
Spatial Mode		Single Mode		
Lens Type		Aspheric Lens (with AR Coating)		
Beam Shape		Elliptical		
Beam Diameter @ Aperture		----	3mm _⊥ x 1.5mm _∥	----
Beam Divergence (Full Angle)		----	----	1mrad
Recommend Operating Temperature		25 ℃		
Threshold Current (Typ.)		----	30mA	55mA
Operating Current (Typ.)		----	140mA	160mA
Operating Voltage		----	4.6V	5.5V
Housing Material		Aluminum		
Housing Dimensions		Φ12mm×23mm		

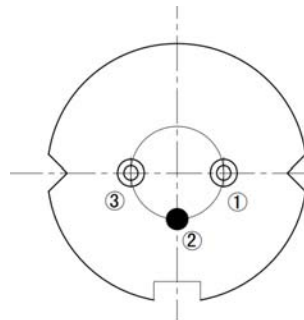


Drawing



Bottom View

PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)

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

