

780nm Collimated Laser Diode Module | Single Mode LD| 150mw Output Power| Collimation Beam

780nm~785nm LD| Small Compact Package| Built-in TEC Cooling Optional

WSLM-785-150m-K

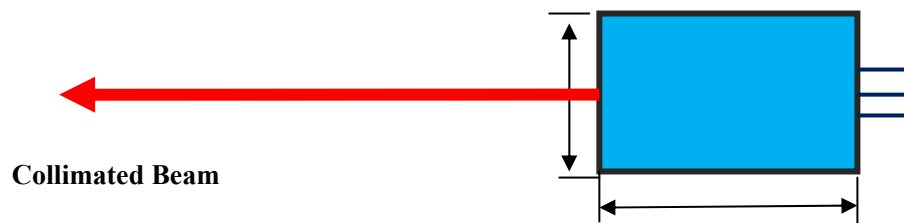
Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

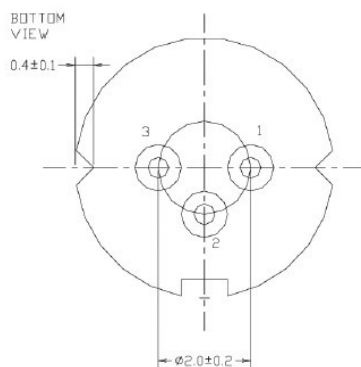
785nm Collimated Laser Diode 150mw		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +50	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 785nm - Collimated Laser Beam - Small Compact Package - Excellent Beam Quality - Built-in PD Optional - Built-in TEC Cooling Optional			
Specifications		WSLM-785-150m-K	
		Min	Type
Center Wavelength@25°C		770nm	780nm
Output Power (CW Mode)		150mw	
Spatial Mode		Single Mode	
Lens Type		Aspheric Lens (with AR Coating)	
Beam Shape		Elliptical	
Beam Diameter @ Aperture		----	3mm $\perp$ x 1.5mm $\parallel$
Beam Divergence (Full Angle)		----	1mrad
Recommend Operating Temperature		25 °C	
Monitor Current		----	----
Threshold Current (Typ.)		----	35mA
Operating Current (Typ.)		----	180mA
Operating Voltage		----	2.0V
Housing Material		Aluminum	
Housing Dimensions		Customized	



Drawing



PIN Bottom View:



1	NC
2	LD(-)&Case
3	LD(+)

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

