

785nm 50mw~60mw SM Pigtailed Laser diode with SMF

780nm~785nm SM Fiber Coupled LD With Single Mode Fiber (SM Fiber)

WSLP-785-060m-4-PD

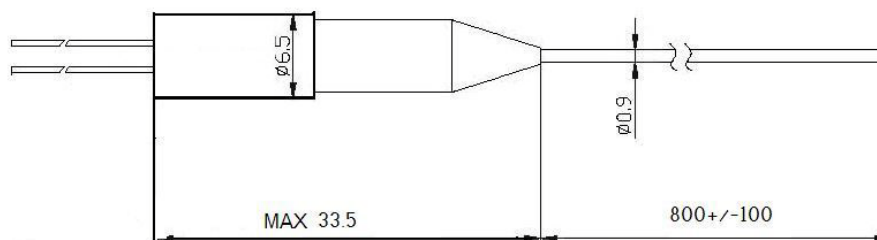
Wavespectrum Laser Group

www.wavespectrum-laser.com

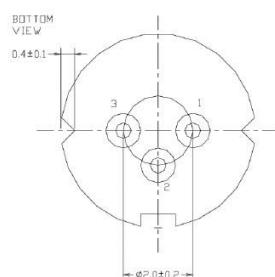
785nm Pigtailed Diode Laser		60mW/SM Fiber	Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 785nm - SM Fiber - Coaxial package - Built-in PD Applications: - Medical laser treatment - Others				
Specifications		WSLP-785-060m-4-PD		
	Min	Type	Max	
Center Wavelength@25°C	775nm	785nm	795nm	
Recommend Operating Temperature	25°C			
Output Power	50mw	60mw	----	
Fiber Type	Single Mode Fiber			
Fiber Core	4um			
Monitor Current	----	0.2mA	0.5mA	
PD Reverse Voltage	----	30V	----	
Fiber Connector	FC			
Fiber Length	----	80cm	100cm	
Threshold Current (Typ.)	----	30mA	50mA	
Operating Current (Typ.)	----	140mA	160mA	
Operating Voltage	----	2.0V	2.4V	
Package Style	Coaxial			
PD	Built-in			



Coaxial Package View



PIN Bottom View:



1	LD(+)
2	LD(-)&PD(+)
3	PD(-)

OR

1	LD(-)
2	LD(+)&PD(-)
3	PD(+)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.



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