


785nm 20mw~30mw SM Pigtailed Laser diode with SMF

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

WSLP-785-020m-4-PD

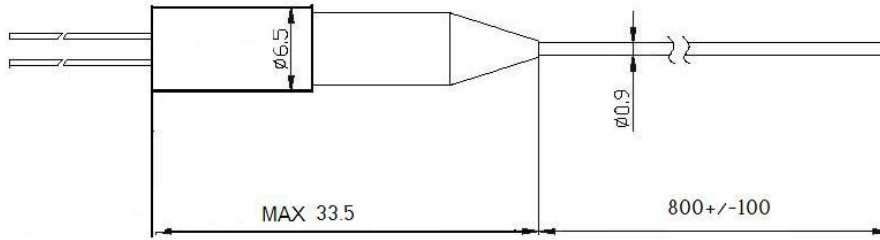
Wavespectrum Laser Group

www.wavespectrum-laser.com

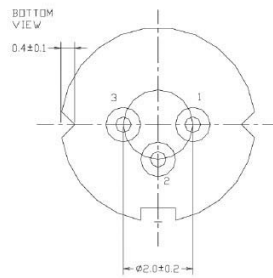
785nm Pigtailed Diode Laser		20mW/SM Fiber		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10 ~ +60		°C	
Storage Temperature	T_{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 785nm SM Fiber Coaxial package Built-in PD 					
Applications: <ul style="list-style-type: none"> Medical laser treatment Others 					
Specifications		WSLP-785-020m-4-PD			
		Min	Type	Max	
Center Wavelength@25°C		775nm	785nm	795nm	
Recommend Operating Temperature		25°C			
Output Power		----	20mw	30mw	
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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