

820nm 200mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package

820nm~830nm SM Laser Diodes |Single Mode LD|200mW Power

WSLD-820-200m-1-PD

Wavespectrum laser Group.

www.wavespectrum-laser.com

820nm Laser Diode		200mW/TO18		en.wavespectrum-laser.com.cn	
MAX Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-20 ~ +50		°C	
Storage Temperature	T _{stg}	-40 ~ +80		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 820nm - Single Mode LD - Built-in PD - TO18 Package					
Applications: - Medical Laser Treatment - Laser Indicator - Laser Detector					
Specifications		WSLD-820-200m-1-PD			
		Min	Type	Max	
Center Wavelength@25℃		820nm±15nm			
Spectral Width (FWHM)		3.0nm			
Output Power		200mW			
Recommended Operating Temperature		25℃			
Beam Divergence (FWHM)		28°± x8°//			
Monitor Current		0.6mA			
PD MAX Reverse Voltage		25V			
Slope Efficiency		----	0.9mW / mA	----	
Threshold Current (Typ.)		----	40mA	70mA	
Operating Current (Typ.)		----	260mA	280mA	
Operating Voltage			2.7V	3.2V	
Package Style		TO18			



