

635nm 180mW Single Mode Laser Diode with TO18 Package| High Power Red LD

635nm~638nm 5.6mm Package|180mW| SM LD

WSLD-635-180m-1

Wavespectrum Laser Group

www.wavespectrum-laser.com

635nm Laser Diode		180mW/TO18	en.wavespectrum-laser.com.cn	
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: 635nm Single Mode Beam 5.6mm Package				
Applications: Medical Laser Treatment Laser Indicator Others				
Specifications		WSLD-635-180m-1		
		Min	Type	Max
Center Wavelength@25℃		638nm±10nm		
Recommended Operating Temperature		25 ℃		
Output Power		----	180mW	----
Beam Mode		Single Mode		
Beam Divergence (FWHM)		10°± x 4°//	15°± x 10°//	24°± x 13°//
Monitor Current		----		
PD Reverse Voltage		----		
PD Forward Current		----		
Slope Efficiency		----	1.1mW / mA	----
Threshold Current (Typ.)		----	70mA	100mA
Operating Current (Typ.)		----	220mA	240mA
Operating Voltage		----	2.8V	3.5V
Package Style		TO18		



