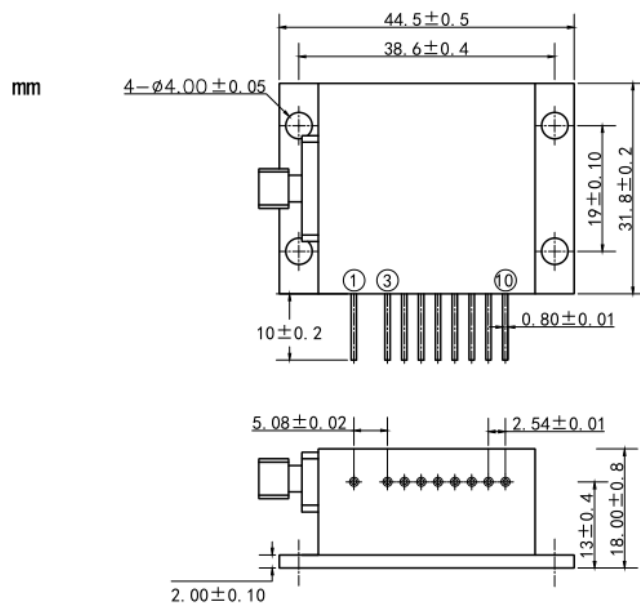


830nm~840nm 6W Fiber Detachable LD | Built-in Photodiode | Built-in TEC cooler
830nm Fiber Receptacle Laser Diode| Suit for 200um or 400um Fiber | Aiming Beam Optional
WSLR-830-006-200M-H9-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

830nm Fiber Detachable Diode Laser		6W	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	+10 ~ +30		°C
Storage Temperature	T _{stg}	-20 ~ +80		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
830nm - Fiber Detachable Package - Built-in Photodiode - Built-in TEC Cooler				
Applications:				
- Medical Laser Treatment - Others				
Specifications		WSLR-830-006-200M-H9-T-PD		
	Min	Type	Max	
Center Wavelength@25℃	830nm±20nm			
Spectral Width (FWHM)	----	3nm	----	
Output Power(After Fiber End)	5W	6W	----	
Used Fiber Core	200um (400um or more)			
Recommended Operating Temperature	25℃			
Detachable Fiber Connector	SMA905			
Threshold Current (Typ.)	----	1.2A	2.0A	
Operating Current (Typ.)	----	8.0A	8.5A	
Operating Voltage	----	2.0V	2.3V	
TEC Max. Current	6A			
TEC Max. Voltage	9.8V			
Thermistor	10K			
Package Style	9-Pin			
Fiber Detection Function	Without			



9-Pin Package View :



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	Thermistor
6	Thermistor
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)

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

