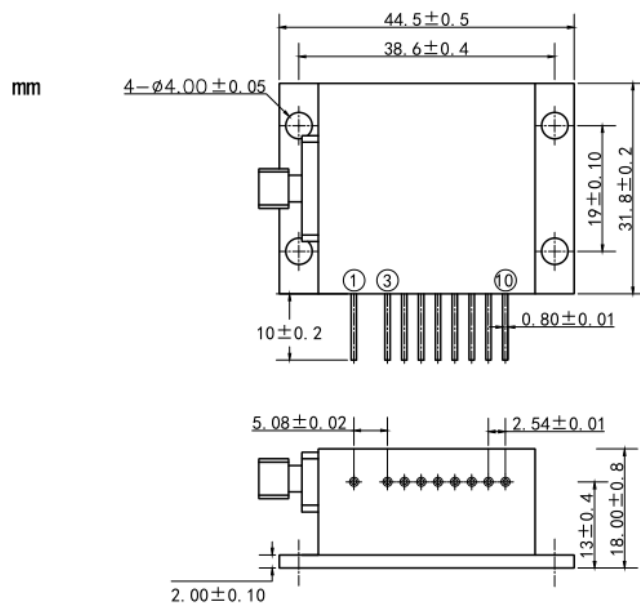


840nm~850nm 6W Fiber Detachable LD | Built-in Photodiode | Built-in TEC cooler
840nm Fiber Receptacle Laser Diode| Suit for 200um or 400um Fiber | Aiming Beam Optional
WSLR-840-006-200M-H9-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

840nm 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: 840nm - Fiber Detachable Package - Built-in Photodiode - Built-in TEC Cooler				
Applications: - Medical Laser Treatment - Others				
Specifications		WSLR-840-006-200M-H9-T-PD		
		Min	Type	Max
Center Wavelength@25℃		840nm±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.

