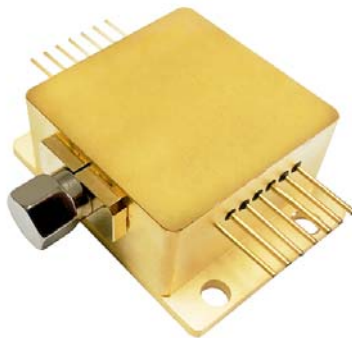


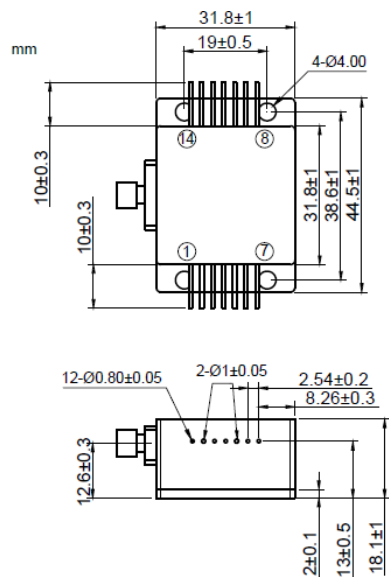
840nm~850nm 6W Fiber Detachable LD |14-Pin HHL Package | Built-in TEC cooler
840nm Fiber Receptacle Laser Diode| 200um, 400um Fiber Core | Red Aiming Beam Optional
WSLR-840-006-200M-H14-T-PD-A-FD Wavespectrum Laser Group www.wavespectrum-laser.com

840nm Fiber Detachable Diode Laser		6W	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
MAX 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 - Suit for 200um MM Fiber - Fiber Detachable Package - With Fiber Detection Function - With Red Aiming Beam				
Applications: - Medical Laser Treatment - Others				
Specifications		WSLR-840-006-200M-H14-T-PD-A-FD		
		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 the 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		14-Pin		
Fiber Detection Function		Built-in		
Aiming Beam		>2mW@638nm		



14-Pin Package View (With Fiber Detection Function) :

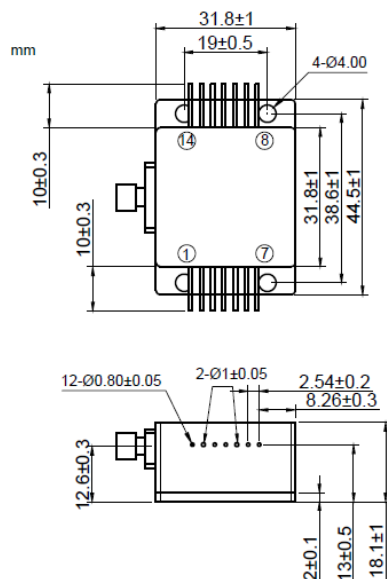
(Part Number: WSLR-840-006-200M-H14-T-PD-A-FD)



PIN	FUNCTION	PIN	FUNCTION
1	CASE	14	TEC(+)
2	LD(+)	13	Aiming Beam DC3V~5V(GND)
3	Thermistor (10K)	12	Aiming Beam DC3V~5V(+)
4	Thermistor (10K)	11	FCD LED(+)&FCD PD (N)
5	LD(-)	10	FCD LED(-)
6	PD(P)	9	FCD PD (P)
7	PD(N)	8	TEC(-)

14-Pin Package View (Without Fiber Detection Function) :

(Part Number: WSLR-840-006-200M-H14-T-PD-A)



PIN	FUNCTION	PIN	FUNCTION
1	CASE	14	TEC(+)
2	LD(+)	13	Aiming Beam DC3V~5V(GND)
3	Thermistor (10K)	12	Aiming Beam DC3V~5V(+)
4	Thermistor (10K)	11	NC
5	LD(-)	10	NC
6	PD(P)	9	NC
7	PD(N)	8	TEC(-)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.



Wavespectrum Laser Group

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