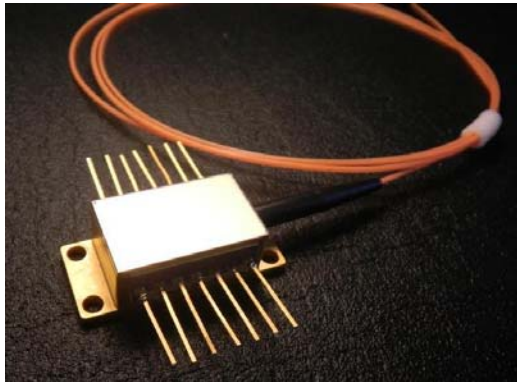
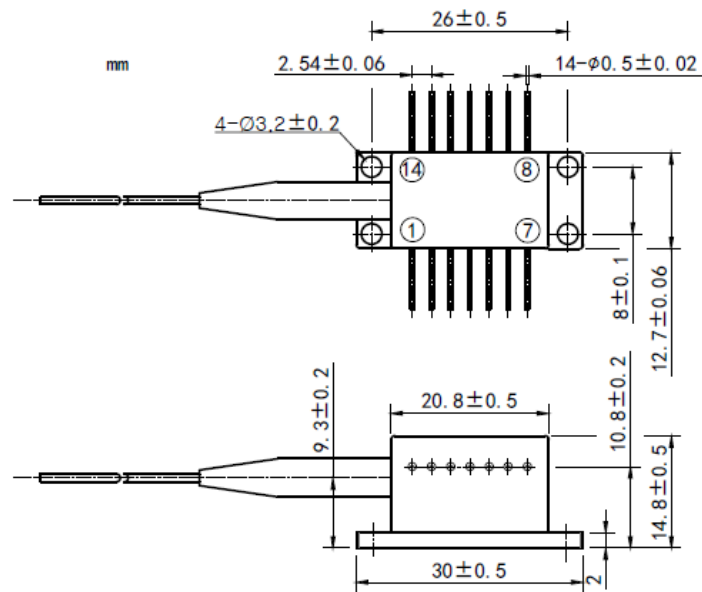


520nm 10mW PM Fiber Coupled Laser Diode Module with 14-Pin Butterfly Package | Built-in TEC cooler
510nm~520nm 10mW Pigtailed Laser Module With Polarization maintaining Fiber | Green Diode Laser Module
WSLX-520-010m-PM-T-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

520nm Pigtailed Diode Laser		10mW/PM Fiber		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 ~ +80		°C
Lead soldering temperature (5 sec.)		T _{is}	250		°C
Features:					
Applications:					
520nm					
With PM Fiber					
Built-in TEC Cooler					
High Polarization Extinction Ratio					
Biological Instruments					
Analytical Equipment					
Others					
Specifications		WSLX-520-010m-PM-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		510nm	520nm	530nm	
Spectral Width (FWHM)			2.0nm		
Output Power		----	10mW	----	
Fiber Type		Polarization Maintaining Fiber			
Fiber Core		3um			
Polarization Extinction Ratio		13dB	15dB		
Recommend Operating Temperature		25°C			
Threshold Current (Typ.)		----	40mA	75mA	
Operating Current (Typ.)		----	150mA	160mA	
Operating Voltage		----	7.5V	8.0V	
TEC Max Current		1.5A			
TEC Max Voltage		4.0V			
Thermistor		10K			
Fiber Length		80cm			
Package Style		14-Pin			



14-Pin Package View



Pin Out:

PIN	FUNCTION	PIN	FUNCTION
1	TEC(+)	14	TEC(-)
2	THERMISTOR	13	CASE
3	PD(+)	12	NC
4	PD(-)	11	LD(-)
5	THERMISTOR	10	LD(+)
6	NC	9	NC
7	NC	8	NC

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

Suggest using the constant current power supply.

