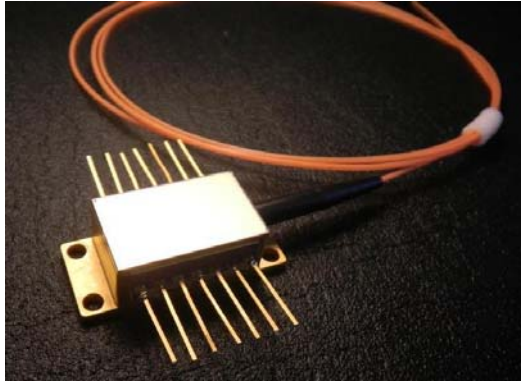


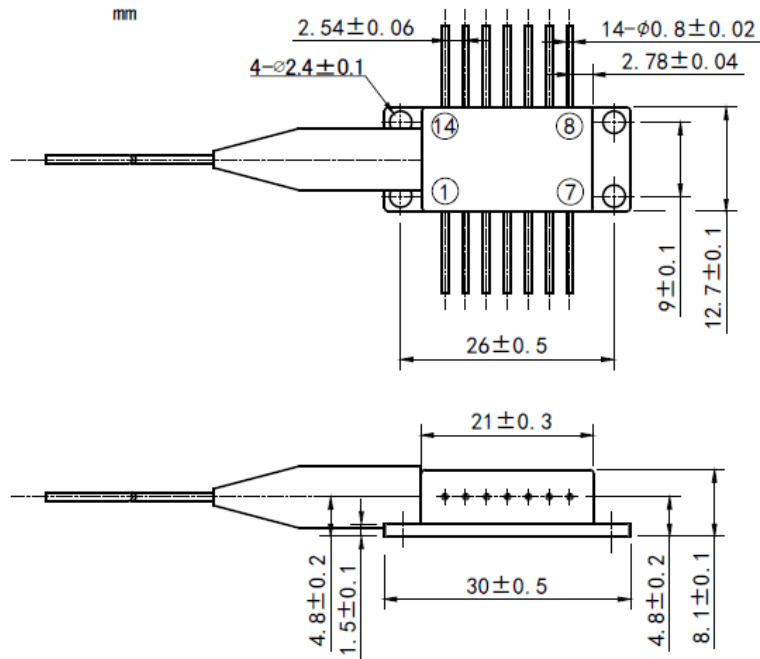
**780nm~785nm 1W~1.5W Fiber Coupled Diode Laser Module with TEC cooler | 14-Pin Butterfly Package**  
**785nm 1W | 14-Pin (BTF) Package| 105um 200um or 400um Fiber Core| High Power LD |Built-in Photodiodes**  
**WSLX-785-001-M-H14-T-PD**      **Wavespectrum Laser Group.**      **www.wavespectrum-laser.com**

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

<b>Features:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> 785nm</li> <li><span style="color: yellow;">●</span> 14-Pin Package</li> <li><span style="color: yellow;">●</span> Built-in TEC Cooler</li> <li><span style="color: yellow;">●</span> Built-in Photodiode</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Medical Laser Treatment</li> <li><span style="color: yellow;">●</span> Others</li> </ul>	

Specifications	WSLX-785-001-M-H14-T-PD		
	Min	Type	Max
Center Wavelength@25°C	±5nm	785nm	±10nm
Spectral Width (FWHM)		2nm	
Output Power	1.0W	-----	-----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	0.7A		
Operating Current (Typ.)	2.5A		
Operating Voltage	1.9V		
Recommended Case Temperature	25°C		
TEC Max. Current	2A		
TEC Max. Voltage	8V		
Fiber Core	105um(200um optional)		
N.A.	0.22		
Package	14-Pin		
Fiber Length	80cm		
Photodiode	Built-in		
Connector Type	FC(SMA905 Optional)		



**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.

