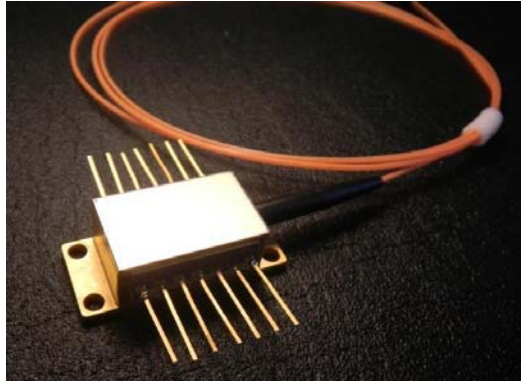
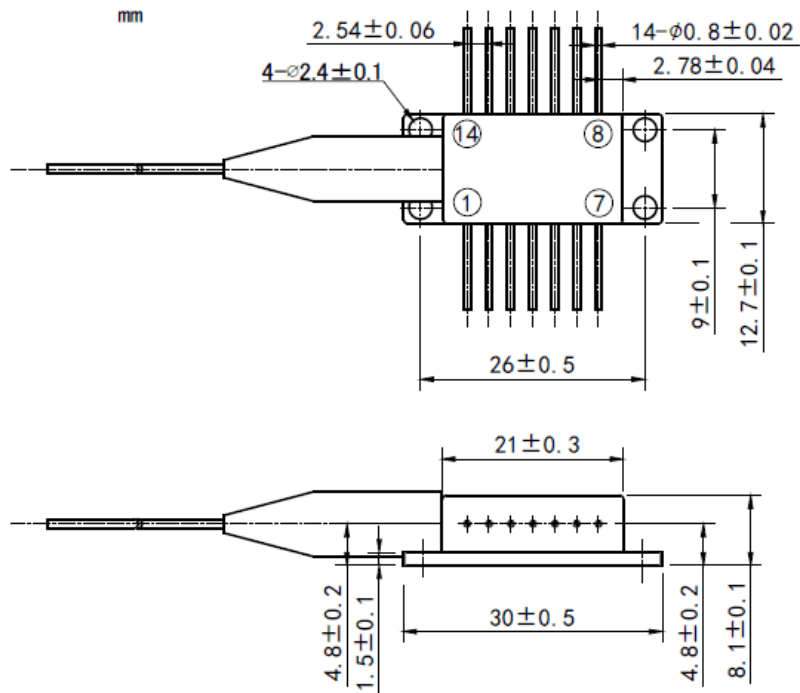


660nm 1W Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
658nm~660nm 1W Pigtailed Diode Laser Module With 14-Pin Butterfly Package | 50um Multi-mode Fiber
RWLX-660-001-50M-H14-T-PD

660nm Pigtailed Diode Laser		1W/MM Fiber	
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: <ul style="list-style-type: none"> 660nm 14-Pin Butterfly Package Built-in TEC Cooler Built-in Photodiode 			
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Sensor Others 			
Specifications		RWLX-660-001-50M-H14-T-PD	
		Min	Type
Center Wavelength@25°C		660nm±10nm	
Output Power	----	1W	----
Spectral Width (FWHM)	----	3nm	----
Recommended Operating Temperature		25°C	
Temperature Coefficient of Wavelength		0.2nm / °C	
Threshold Current (Typ.)	----	0.5A	1.2A
Operating Current (Typ.)	----	1.8A	2.0A
Operating Voltage	----	2.2V	2.6V
TEC Max Current		2A	
TEC Max Voltage		8V	
Thermistor		10K	
Fiber Core		50um	
Numerical Aperture		0.22	
Fiber Connector		FC/SMA905	
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.

