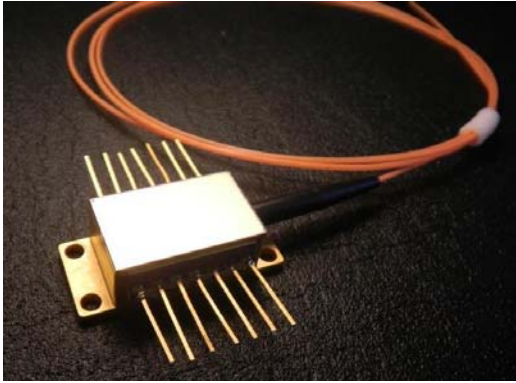




808nm 1W Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
808nm~810nm 1W Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Infrared LD Module
WSLX-808-001-H-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

808nm Pigtailed Diode Laser		1W/MM Fiber		Wavespectrum Laser Group	
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 (5 sec.)	T_{is}	250		°C	
Features: <ul style="list-style-type: none"> 808nm 14-Pin Butterfly Package Built-in TEC Cooler Built-in Photodiode 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Sensor Others 					
Specifications	WSLX-808-001-H-T-PD				
	Min	Type	Max		
Center Wavelength@25°C	±3nm	808nm	±10nm		
Output Power		1W			
Spectral Width (FWHM)		2nm			
Recommend Operating Temperature	25°C				
Temperature Coefficient of Wavelength	0.3nm / °C				
Threshold Current (Typ.)	0.5A				
Operating Current (Typ.)	2.0A				
Operating Voltage	2.0V				
TEC Max Current	1.8A				
TEC Max Voltage	2.5V				
Thermistor	10K				
Fiber Core	105um				
N.A.	0.22				
Fiber Connector	FC/SMA905				
Fiber Length	80cm				
Package Style	14-Pin				



