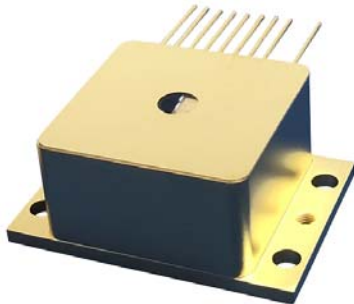
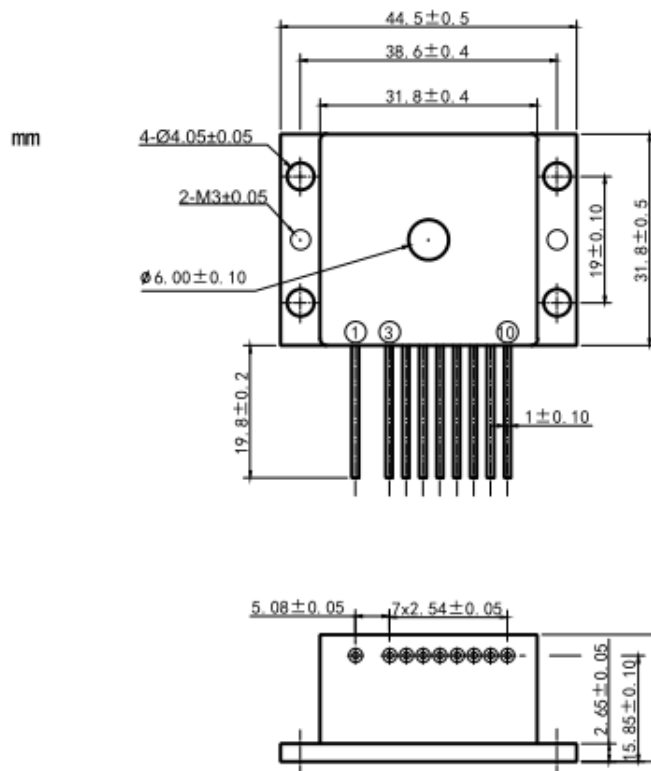


808nm~810nm 10W Laser Diodes with 9-Pin Window Package | Square Beam Optional
808nm 10W High Power LD | Hermetic Package | Window Package | FAC Lens Optional
WSLD-808-010-H9-T-PD **Wavespectrum laser Group.** **www.wavespectrum-laser.com**

808nm Laser Diode		10W/9-Pin		Wavespectrum Laser Group	
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: 808nm - High Power, CW, Multi-mode - Window Package - Built-in TE Cooler					
Applications: - Medical Laser Treatment - Pumping Laser - Night Vision - Others					
Specifications		WSLD-808-010-H9-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		808nm±10nm			
Spectral Width (FWHM)		----	3.0nm	----	
Output Power		9W	10W	----	
Emitter Area		----	200x1μm	----	
Beam Divergence (FWHM)		----	35°⊥ x 8°//	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	1.2W/A	----	
Threshold Current (Typ.)		----	1.2A	2.0A	
Operating Current (Typ.)		----	9.5A	10.0A	
Operating Voltage		----	1.9V	2.3V	
TEC Max. Voltage		9.8V			
TEC Max. Current		6A			
Thermistor		10K			
Package Style		9-Pin Window			
Recommended Operating Temperature		25°C			



9-Pin Window Package View



PIN	FUNCTION
1	TEC (-)
2	-
3	None
4	LD (+)
5	Thermistor
6	Thermistor
7	LD (-)
8	PD (N)
9	PD (P)
10	TEC (+)

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

