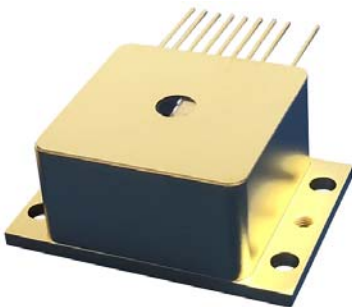
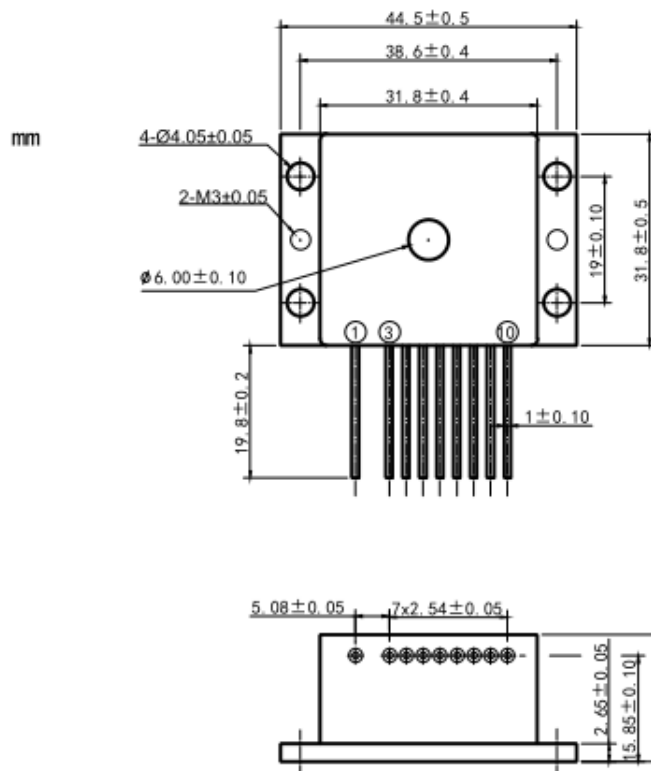


1550nm~1560nm 3W Laser Diodes with 9-Pin Window Package | Square Beam Optional
1550nm 2.5W~3W High Power LD | Hermetic Package | Window Package | FAC Lens Optional
WSLD-1550-003-H9-T-PD **Wavespectrum laser Group.** **www.wavespectrum-laser.com**

1550nm Laser Diode		3W/9-Pin	en.wavespectrum-laser.com.cn	
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: 1550nm - High Power, CW, Multi-mode - Window Package - Built-in TE Cooler				
Applications: - Medical Laser Treatment - Night Vision - Others				
Specifications		WSLD-1550-003-H9-T-PD		
		Min	Type	Max
Center Wavelength@25℃		1550nm±30nm		
Spectral Width (FWHM)		----	10nm	----
Output Power		2.5W	3W	----
Emitter Area		----	100x1μm	----
Beam Divergence (FWHM)		----	35°⊥ x 10°//	----
Temperature Coefficient of Wavelength		----	0.7nm / °C	----
Slope Efficiency		----	0.3W/A	----
Threshold Current (Typ.)		----	0.5A	----
Operating Current (Typ.)		----	9.0A	----
Operating Voltage		----	2.0V	----
TEC Max. Voltage		9.8V		
TEC Max. Current		6A		
Thermistor		10K		
Package Style		9-Pin Window		
Recommended Operating Temperature		25℃		



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.

