

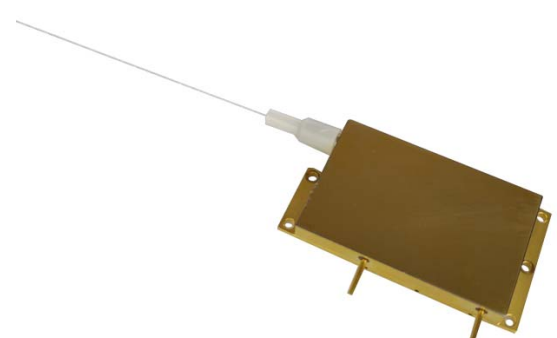
940nm~945nm 55W Fiber Coupled Laser Diode Module | Medical Cure

940nm 55W High Power Pigtailed Diode Laser | T13 Package| 105um Multi-mode Fiber | High Power LD

WSLX-940-055-M-T13

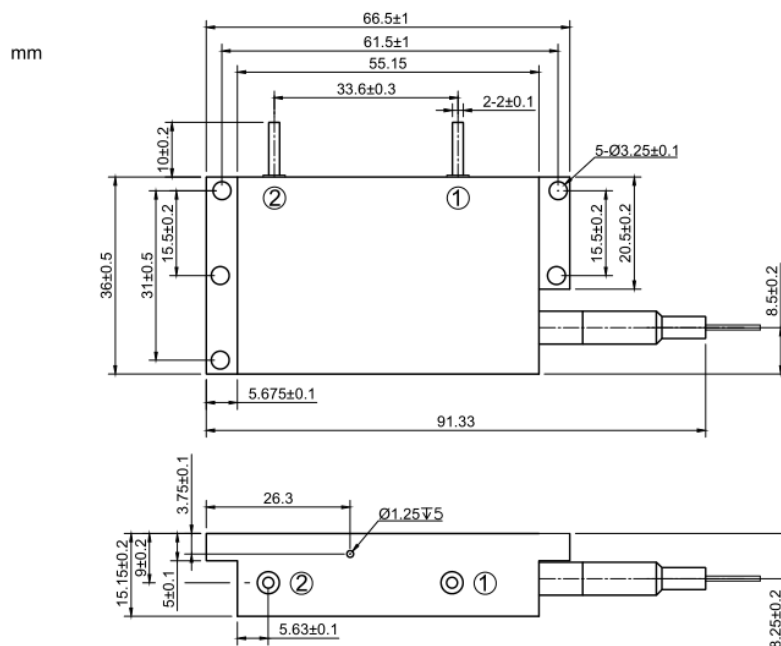
Wavespectrum Laser Group

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	+10 ~ +35		°C
Storage Temperature	T _{stg}	-20 ~ +80		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 940nm 55W Output Power 105um Fiber Core - Long Lifetime - High Stability				
Applications: - Medical Laser Treatment - Night Vision - Others				
Specifications		WSLX-940-055-M-T13		
		Min	Type	Max
Center Wavelength@25°C		940nm ± 10nm		
Output Power		----	55W	----
Spectral Width (FWHM)		----	5nm	----
Recommended Case Temperature		25°C		
Temperature Coefficient of Wavelength		0.3nm / °C		
Threshold Current (Typ.)		----	0.5A	1.5A
Operating Current (Typ.)		----	11.5A	12.5A
Operating Voltage		----	10.0V	12.0V
Fiber Core Diameter		105um		
Fiber Numerical Aperture		0.22 N.A.		
Fiber Length		>80cm		
Connector Type		SMA905 / ST / FC / SC		
Package Style		T13		



T13 Package View



PIN	FUNCTION
1	LD(+)
2	LD(-)

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

