

976nm~980nm 10W Fiber Coupled Laser Diode Module | Medical Cure

976nm 10W Pigtailed Diode Laser | 2-Pin Package| 105um 200um Fiber optional | High Power LD

WSLX-980-010-M-H2

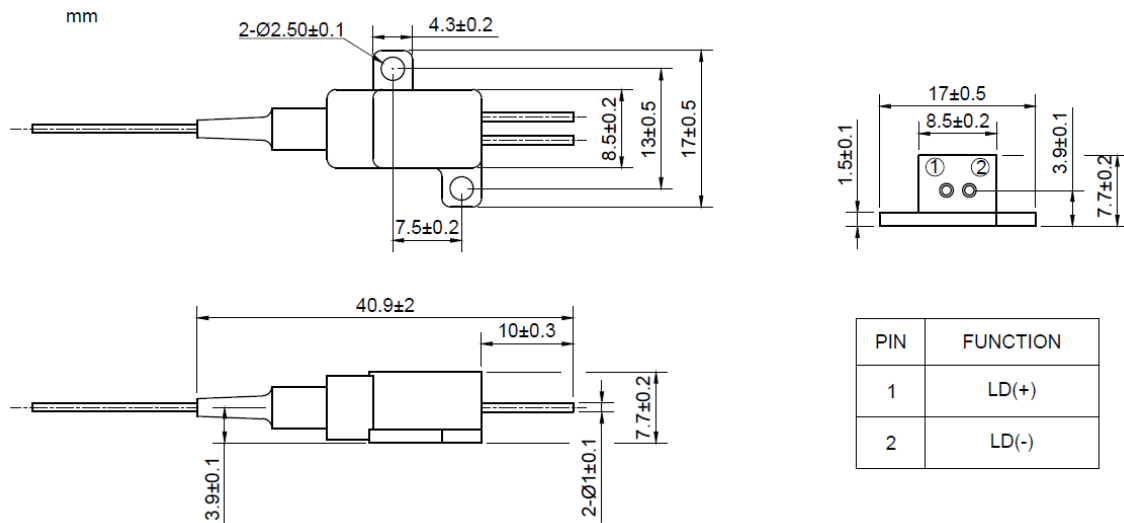
Wavespectrum Laser Group

www.wavespectrum-laser.com

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 (10 sec.)	T _{is}	260		°C
Features: 976nm 10W Output Power 2-Pin Package - Long Lifetime - High Stability				
Applications: - Medical Laser Treatment - Night Vision - Others				
Specifications		WSLX-980-010-M-H2		
		Min	Type	Max
Center Wavelength@25°C		976nm±15nm		
Output Power		----	10W	----
Spectral Width (FWHM)		----	4nm	----
Recommended Case Temperature		25°C		
Temperature Coefficient of Wavelength			0.3nm / °C	
Threshold Current (Typ.)			0.5A	1.0A
Operating Current (Typ.)			11.5A	12.5A
Operating Voltage			1.8V	2.3V
Fiber Core Diameter		105um (200um optional)		
Fiber Numerical Aperture		0.22 N.A.		
Fiber Length		>80cm		
Connector Type		SMA905 / ST / FC / SC		
Package Style		2-Pin		



2-Pin Package View



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

