930nm～940nm 10W Fiber Coupled Laser Diode Module | Medical Cure

940nm 10W Pigtailed Diode Laser | 2-Pin Package| 105um 200um Fiber optional | High Power LD

WSLX-940-010-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	℃
Storage Temperature	T_{stg}	-20 ~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 940nm
- 10W Output Power
- 2-Pin Package
- Long Lifetime
- High Stability

Applications:

- Medical Laser Treatment
- Night Vision
- Others

Specifications	WSLX-940-010-M-H2		
	Min	Type	Max
Center Wavelength@25℃	940nm±10nm		
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		

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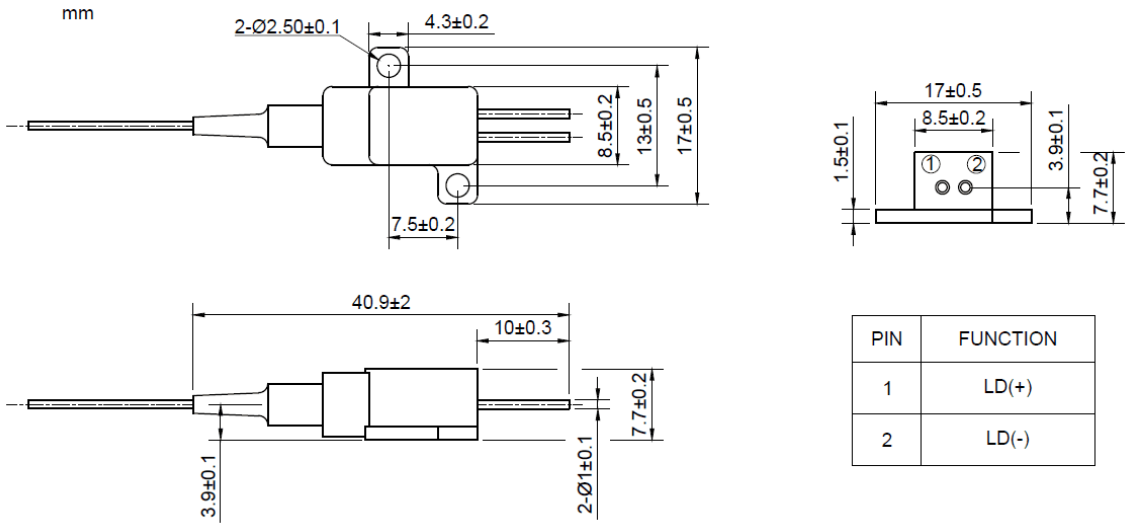
2-Pin Package View



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

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

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