1450nm 5W Laser Diode with H-mount Package | Window Package | Square Beam Optional
1450nm～1460nm 5W High Power LD | Hermetic Package |Infrared Laser Diode | FAC Optional

WSLD-1450-005-H **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

1450nm Laser Diode	5W/H-mount	en.wavespectrum-laser.com.cn	
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:

- 1450nm
- 5W Output Power
- H-mount Package (Window Package)

Applications:

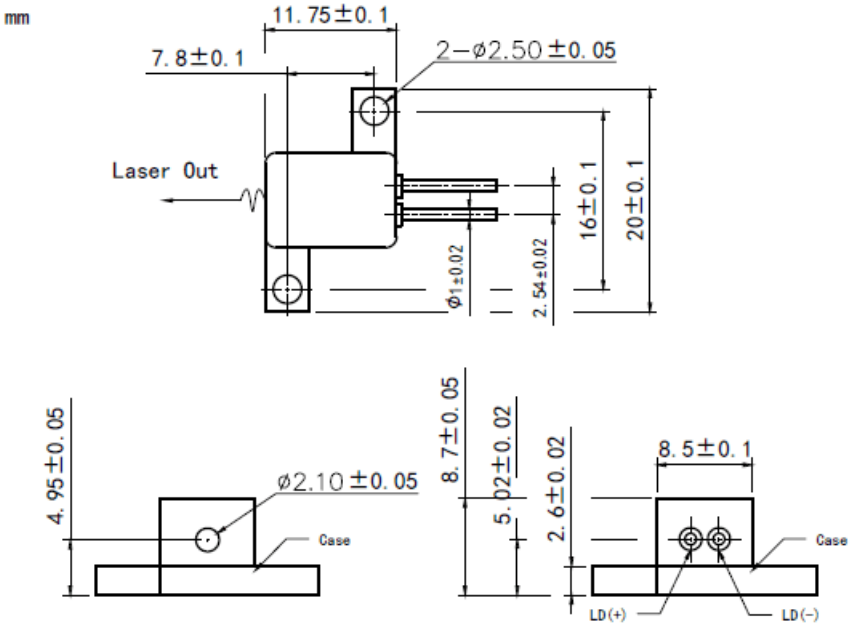
- Medical Laser Treatment
- Others



Specifications	WSLD-1450-005-H		
	Min	**Type**	**Max**
Center Wavelength@25℃	**1450nm±40nm**		
Spectral Width (FWHM)	**----**	**10.0nm**	**----**
Output Power	**4W**	**5W**	**----**
Emitter Area	**----**	**200x1μm**	**----**
Beam Divergence	**----**	**30°⊥ x 12°//**	**----**
Temperature Coefficient of Wavelength	**----**	**0.7nm / °C**	**----**
Slope Efficiency	**----**	**0.4W/A**	**----**
Threshold Current (Typ.)	**----**	**1.0A**	**2.0A**
Operating Current (Typ.)	**----**	**14.0A**	**15.0A**
Operating Voltage	**----**	**1.6V**	**2.0V**
Package Style	**H-mount**		
Recommended Operating Temperature	**25℃**		

Wavespectrum Laser Group
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H-mount Package View



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

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