1450nm 3.5W Laser Diode with E-mount Package | Square Beam Optional | FAC Optional
1450nm～1460nm 3.5W High Power LD | Hermetic Package Optional |Infrared Laser Diode
WSLD-1450-3500m-E **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

1450nm Laser Diode	3.5W/E-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
- 3.5W Output Power
- E-mount Package

Applications:

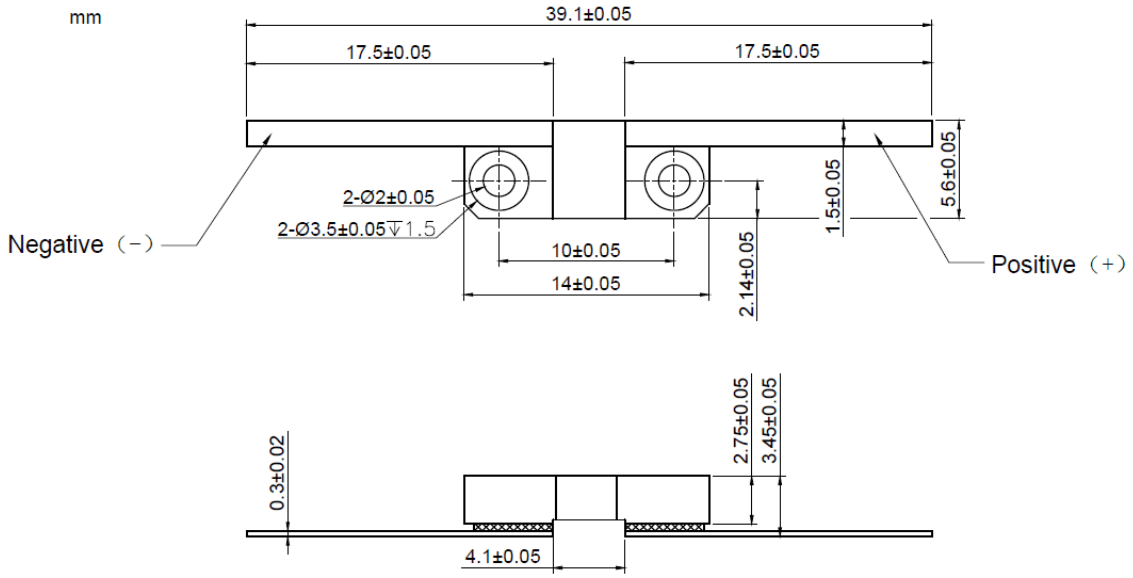
- Medical Laser Treatment
- Others



Specifications	WSLD-1450-3500m-E		
	Min	**Type**	**Max**
Center Wavelength@25℃		**1450nm±40nm**	
Spectral Width (FWHM)	**----**	**10.0nm**	**----**
Output Power	**3W**	**3.5W**	**----**
Emitter Area	**----**	**100x1μm**	**----**
Beam Divergence	**----**	**35°⊥ x 10°//**	**----**
Temperature Coefficient of Wavelength	**----**	**0.7nm / °C**	**----**
Slope Efficiency	**----**	**0.35W/A**	**----**
Threshold Current (Typ.)	**----**	**0.5A**	**----**
Operating Current (Typ.)	**----**	**10.0A**	**----**
Operating Voltage	**----**	**2.0V**	**----**
Package Style		**E-mount-01**	
Recommended Operating Temperature		**25℃**	

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

E-mount-01 Package View



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

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com