
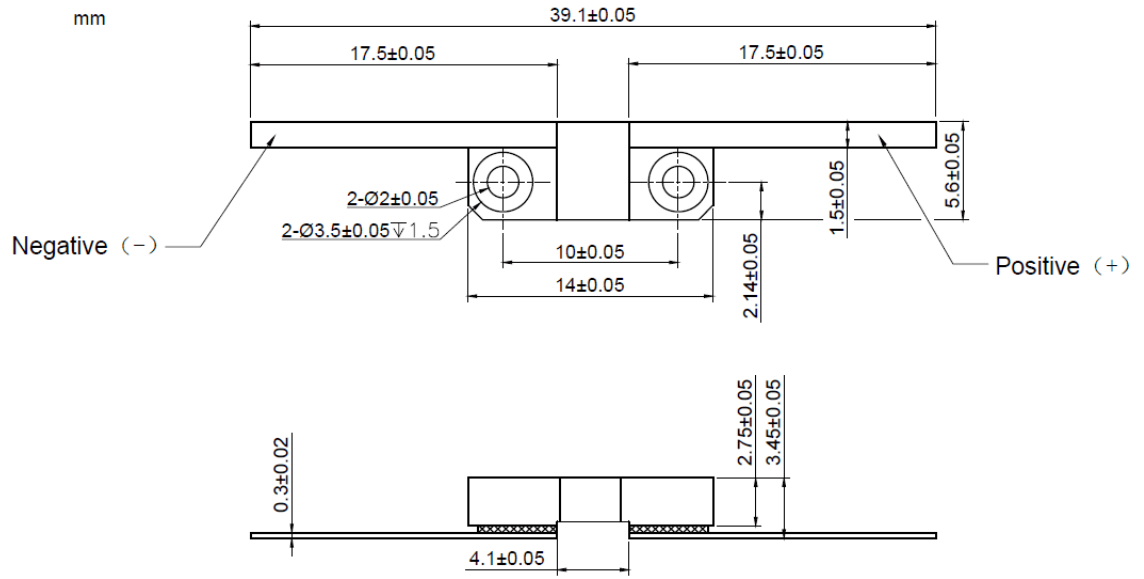


**1480nm~1490nm 2.5W Laser Diode with E-mount Package | FAC Lens Optional | High Power LD**  
**1490nm~1500nm 2.5W Output Power | Hermetic Package Optional | Square or Line Beam Optional**  
 WSLD-1490-2500m-E      Wavespectrum Laser Group      www.wavespectrum-laser.com

1490nm Laser Diode    2.5W/E-mount		Wavespectrum Laser Group	
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
<b>Features:</b> <ul style="list-style-type: none"> <li>● 1490nm</li> <li>● 2.5W Output Power</li> <li>● E-mount Package</li> <li>● FAC Lens Optional (Square or Line Beam)</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Others</li> </ul>			
<b>Specifications</b>		<b>WSLD-1490-2500m-E</b>	
		<b>Min</b>	<b>Type</b>
Center Wavelength@25°C		±10nm	1490nm
Spectral Width (FWHM)		----	7.0nm
Output Power		----	2.5W
Emitter Area		----	85x1µm
Beam Divergence (With FAC Lens)		----	10° <sub>⊥</sub> x 35° <sub>//</sub>
Temperature Coefficient of Wavelength		----	0.7nm / °C
Slope Efficiency		0.5W/A	----
Threshold Current (Typ.)		----	0.4A
Operating Current (Typ.)		----	5.5A
Operating Voltage		----	1.4V
Package Style		E-mount	
Recommended Operating Temperature		25°C	



### E-mount Package View



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

**Suggest using the constant current power supply.**

