


**930nm~940nm~950nm 15W Laser Diode with E-mount Package | FAC Optional**
**940nm High Power 15W LD | Square Beam Optional**

WSLD-940-015-E

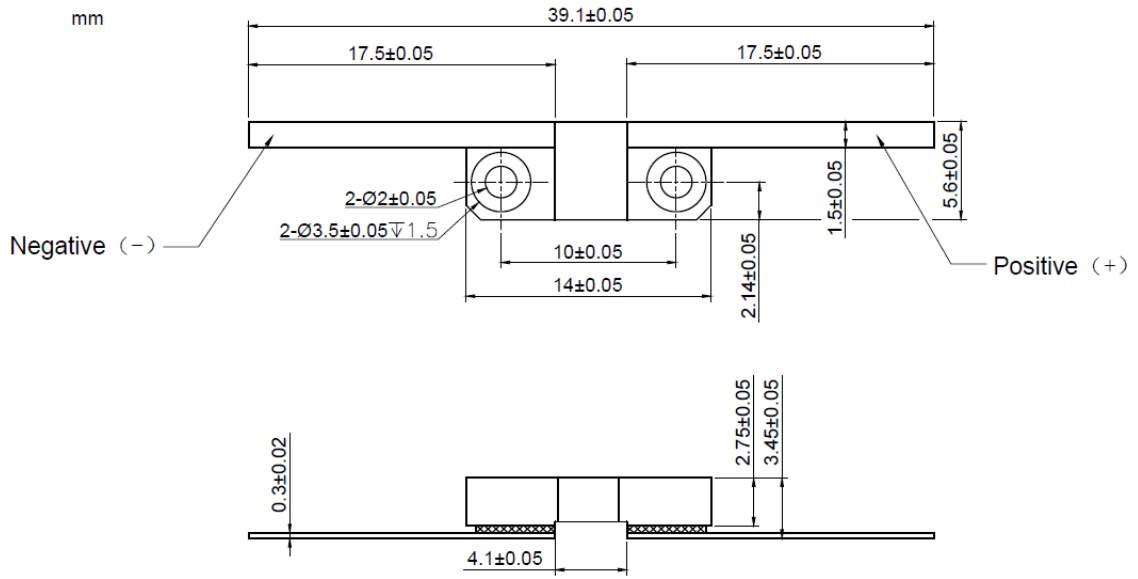
Wavespectrum laser Group

[www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)

940nm Laser Diode	15W/E-mount	Wavespectrum Laser Group	
<b>Reverse Voltage</b>	<b>V<sub>r</sub></b>	<b>2.0</b>	<b>V</b>
<b>Operating Temperature</b>	<b>T<sub>op</sub></b>	<b>+10 ~+30</b>	<b>°C</b>
<b>Storage Temperature</b>	<b>T<sub>stg</sub></b>	<b>-20~ +80</b>	<b>°C</b>
<b>Lead soldering temperature (10 sec.)</b>	<b>T<sub>is</sub></b>	<b>260</b>	<b>°C</b>
<b>Features:</b> <ul style="list-style-type: none"> <li>● 940nm</li> <li>● CW</li> <li>● E-mount Package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Laser Pumping</li> <li>● Other</li> </ul>			
<b>Specifications</b>	<b>WSLD-940-015-E</b>		
	<b>Min</b>	<b>Type</b>	<b>Max</b>
<b>Center Wavelength@25°C</b>	<b>+/-5nm</b>	<b>940nm</b>	<b>+/-10nm</b>
<b>Spectral Width (FWHM)</b>	<b>----</b>	<b>4.0nm</b>	<b>----</b>
<b>Output Power</b>	<b>----</b>	<b>15W</b>	<b>----</b>
<b>Emitter Area</b>	<b>200x1μm</b>		
<b>Beam Divergence (FWHM)</b>	<b>----</b>	<b>35°<sub>±</sub> x 8°<sub>//</sub></b>	<b>----</b>
<b>Temperature Coefficient of Wavelength</b>	<b>----</b>	<b>0.3nm / °C</b>	<b>----</b>
<b>Slope Efficiency</b>	<b>----</b>	<b>1.1W/A</b>	<b>----</b>
<b>Threshold Current (Typ.)</b>	<b>----</b>	<b>1.3A</b>	<b>----</b>
<b>Operating Current (Typ.)</b>	<b>----</b>	<b>15.0A</b>	<b>----</b>
<b>Operating Voltage</b>	<b>----</b>	<b>1.9V</b>	<b>----</b>
<b>Package Style</b>	<b>E-mount</b>		
<b>Recommended Operating Temperature</b>	<b>25°C</b>		



### E-mount Package View



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

