


1530nm~1540nm 2W Laser Diode with E-mount Package | Square Beam | FAC Optional
1530nm 2W High Power LD | Hermetic Package Optional | Infrared Laser Diode

WSLD-1530-002-E

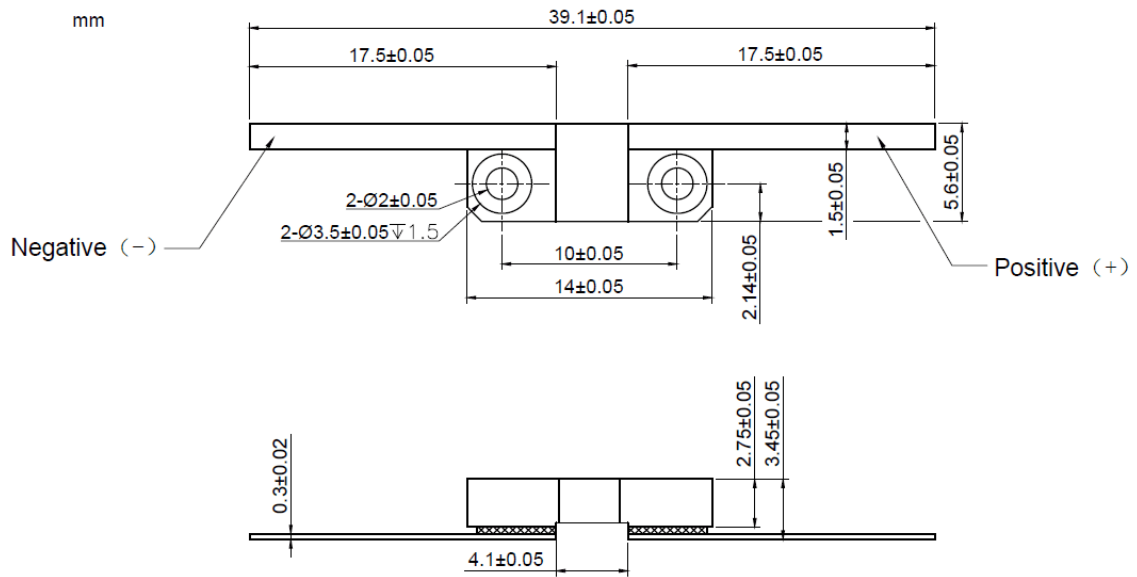
Wavespectrum Laser Group

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1530nm Laser Diode		2W/E-mount		Wavespectrum Laser Group	
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	
Features: <ul style="list-style-type: none"> 1530nm 2W Output Power E-mount Package 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Others 					
Specifications		WSLD-1530-002-E			
		Min	Type	Max	
Center Wavelength@25°C		+/-10nm	1530nm	+/-30nm	
Spectral Width (FWHM)		----	15.0nm	----	
Output Power		----	2W	----	
Emitter Area		----	100x1μm	----	
Beam Divergence		----	35° _⊥ x 10° _{//}	----	
Temperature Coefficient of Wavelength		----	0.7nm / °C	----	
Slope Efficiency		----	0.3W/A	----	
Threshold Current (Typ.)		----	0.5A	----	
Operating Current (Typ.)		----	7.5A	----	
Operating Voltage		----	2.0V	----	
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.**



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