
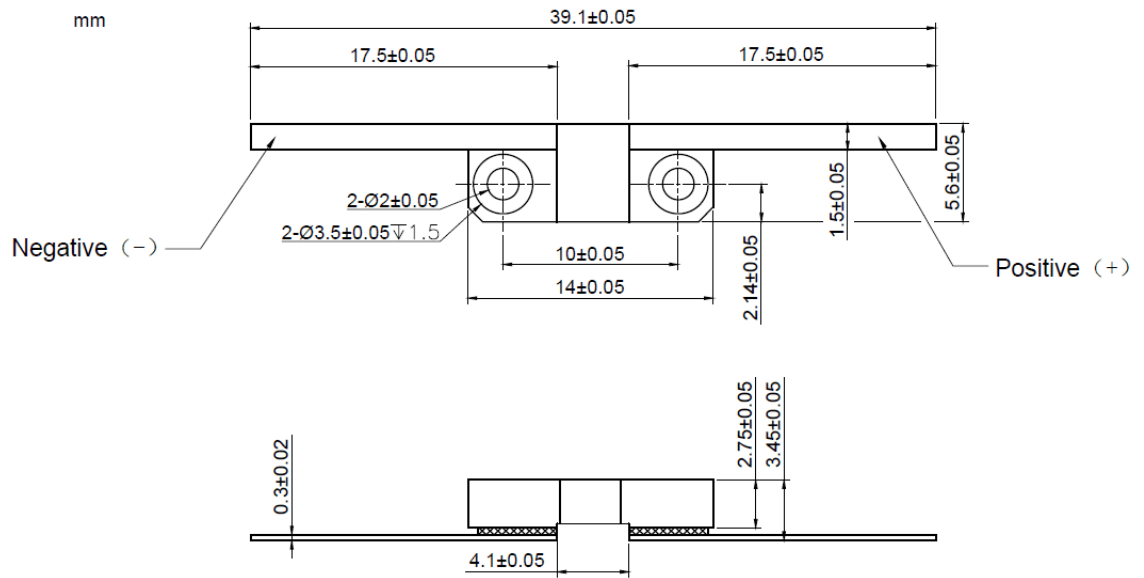


1320nm~1330nm 1.5W Laser Diode with E-mount Package | FAC Lens Optional | High Power LD
1330nm 1.5W Output Power | Hermetic Package Optional | Square or Line Beam Optional

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
Features: <ul style="list-style-type: none"> 🔸 1330nm 🔸 1.5W Output Power 🔸 E-mount Package 🔸 FAC Lens Optional (Square or Line Beam) 			
Applications: <ul style="list-style-type: none"> 🔸 Medical Laser Treatment 🔸 Others 			
Specifications	WSLD-1330-1500m-E		
	Min	Type	Max
Center Wavelength@25°C	+/-10nm	1330nm	+/-30nm
Spectral Width (FWHM)	----	6.0nm	10.0nm
Output Power	----	1.5W	----
Emitter Area	----	85x1μm	----
Beam Divergence (With FAC Lens)	----	8° _⊥ x 28° _{//}	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Slope Efficiency	----	0.5W/A	----
Threshold Current (Typ.)	----	0.4A	0.7A
Operating Current (Typ.)	----	3.3A	3.5A
Operating Voltage	----	1.3V	1.5V
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.

