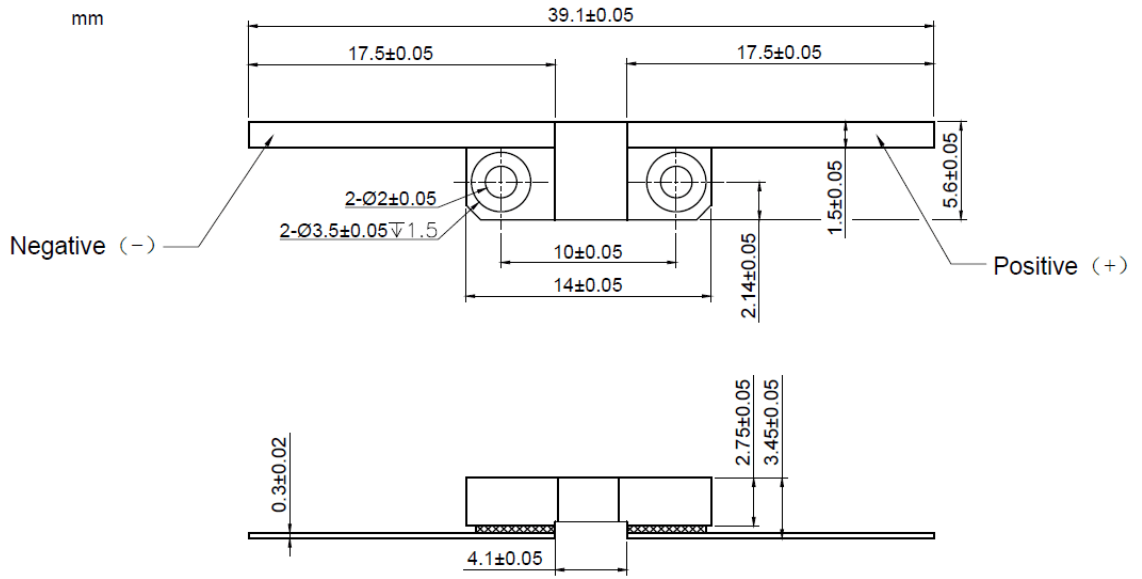


1270nm~1280nm 1.5W Laser Diode with E-mount Package | FAC Lens Optional | High Power LD
1280nm~1290nm 1.5W Output Power | Hermetic Package Optional | Square or Line Beam Optional
 WSLD-1280-1500m-E Wavespectrum Laser Group www.wavespectrum-laser.com

1280nm Laser Diode 1.5W/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
Features: <ul style="list-style-type: none"> 1280nm 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-1280-1500m-E	
		Min	Type
Center Wavelength@25°C		1260nm	1280nm
Spectral Width (FWHM)		----	6.0nm
Output Power		----	1.5W
Emitter Area		----	85x1μm
Beam Divergence (With FAC Lens)		----	10° _⊥ x 35° _{//}
Temperature Coefficient of Wavelength		----	0.7nm / °C
Slope Efficiency		0.5W/A	----
Threshold Current (Typ.)		----	0.3A
Operating Current (Typ.)		----	3.3A
Operating Voltage		----	1.3V
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.

