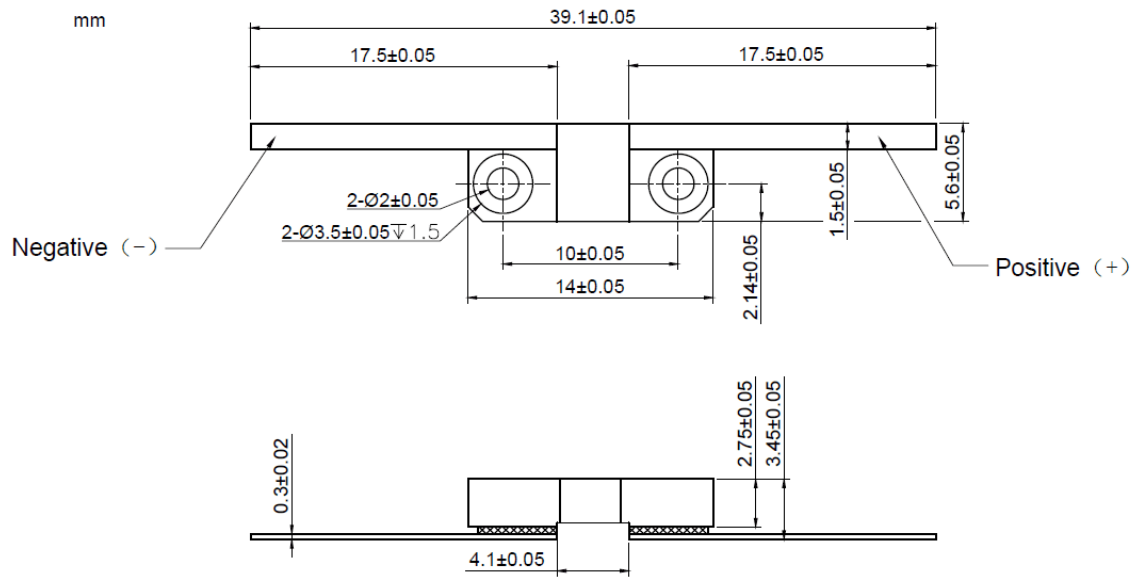


1910nm~1920nm~1940nm 700mW Laser Diode with E-mount Package | FAC Lens Optional
1920nm 700mW Output Power | Hermetic Package Optional | Square or Line Beam Optional
 WSLD-1920-700m-E Wavespectrum Laser Group www.wavespectrum-laser.com

1920nm Laser Diode 700mW/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"> 1920nm 700mW 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-1920-700m-E		
		Min	Type	Max
Center Wavelength@25°C		±10nm	1920nm	±30nm
Spectral Width (FWHM)		----	----	20nm
Output Power		----	700mW	----
Recommended Operating Temperature		25°C		
Beam Divergence		----	12° _⊥ x 30° _{//}	----
Temperature Coefficient of Wavelength		----	0.75nm / °C	----
Slope Efficiency		----	0.2W/A	----
Threshold Current (Typ.)		----	0.7A	1.0A
Operating Current (Typ.)		----	4.2A	4.5A
Operating Voltage		----	1.1V	1.4V
Package Style		E-mount		



E-mount Package View



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

