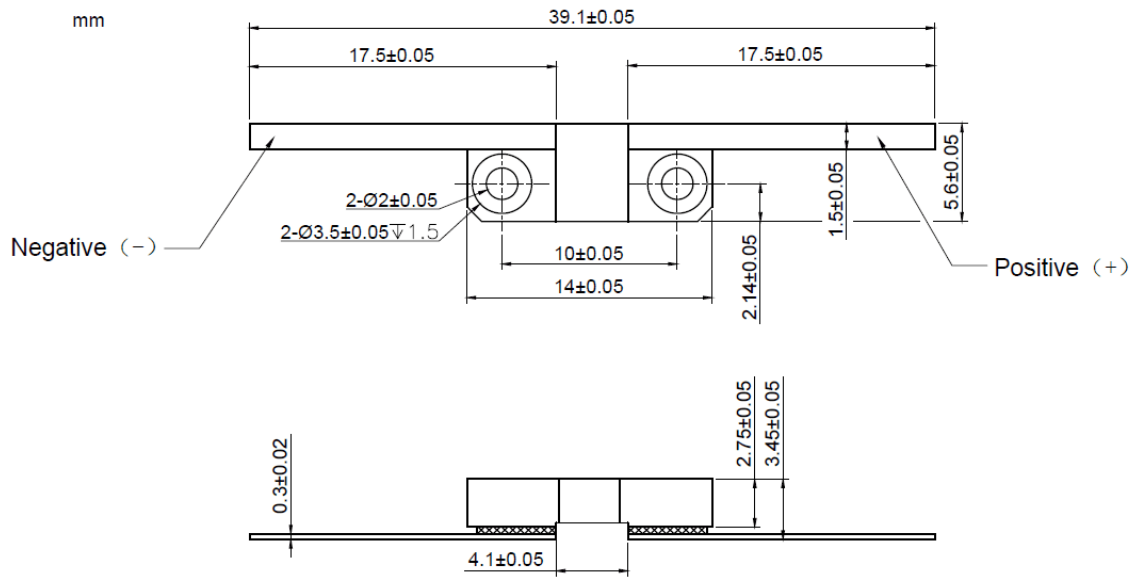


1900nm~1910nm 700mW Laser Diode with E-mount Package | FAC Lens Optional |
1900nm 700mW Output Power | Hermetic Package Optional | Square or Line Beam Optional
WSLD-1900-700m-E Wavespectrum Laser Group www.wavespectrum-laser.com

1900nm 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"> 1900nm 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-1900-700m-E			
		Min	Type	Max	
Center Wavelength@25°C		1870nm	1900nm	1930nm	
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.

