
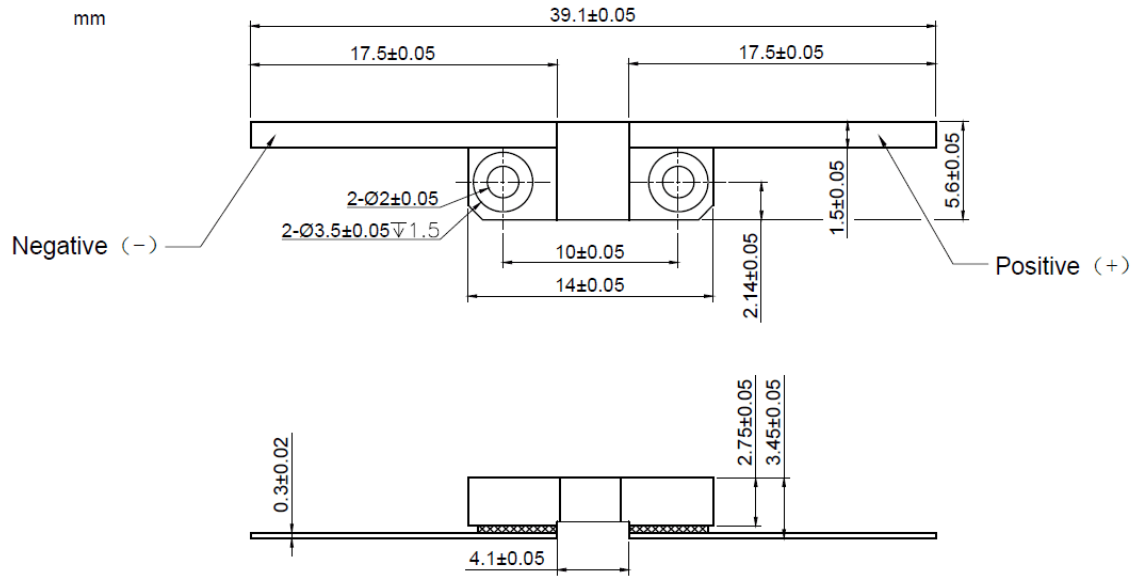


1710nm~1720nm 1W Laser Diode with E-mount Package | FAC Lens Optional | High Power LD
1720nm~1725nm 1W Output Power | Hermetic Package Optional | Square or Line Beam Optional
 WSLD-1720-001-E Wavespectrum Laser Group www.wavespectrum-laser.com

1720nm Laser Diode 1W/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"> 🔸 1720nm 🔸 1W 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-1720-001-E	
		Min	Type
Center Wavelength@25°C		±10nm	1720nm
Spectral Width (FWHM)		----	7.0nm
Output Power		----	1W
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.)		----	0.4A
Operating Current (Typ.)		----	4.0A
Operating Voltage		----	1.7V
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.

