

780nm~785nm 5W E-mount Laser Diode | FAC Optional | Square Beam Optional

785nm Laser Diode| High Power LD| 5W Power| E-mount Package

WSLD-785-005-E

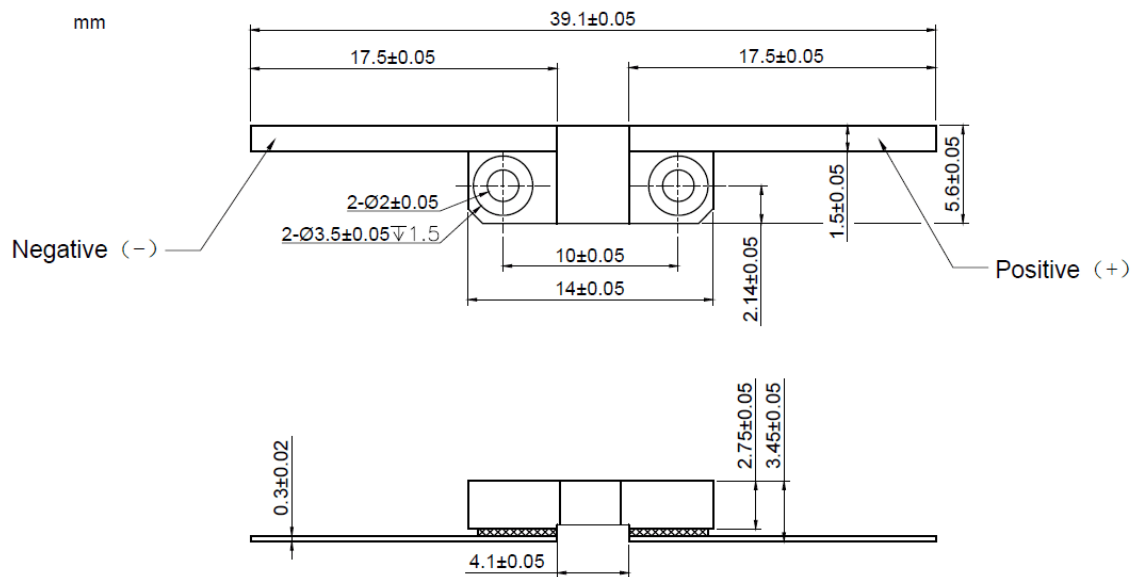
Wavespectrum Laser Group

www.wavespectrum-laser.com

785nm Laser Diode		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: 785nm - Multimode - E-mount Package - FAC Lens Optional				
Applications: - Medical Laser Treatment - Sensing - Others				
Specifications		WSLD-785-005-E		
		Min	Type	Max
Center Wavelength@25℃		785nm±15nm		
Spectral Width (FWHM)			2.0nm	
Output Power		----	5W	----
Emitter Area		----	150x1μm	-----
Beam Divergence (FWHM)		----	35°⊥ x 8°//	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.2W/A	----
Threshold Current (Typ.)		----	1.2A	----
Operating Current (Typ.)		----	5.5A	----
Operating Voltage		----	2.0V	----
Package Style		E-mount		
Recommended Operating Temperature		25℃		



E-mount Package View



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

