

785nm~790nm 4W E-mount Laser Diode | FAC Optional | Square Beam Optional

785nm Laser Diode| High Power LD| 4W Power| E-mount Package

WSLD-785-004-E

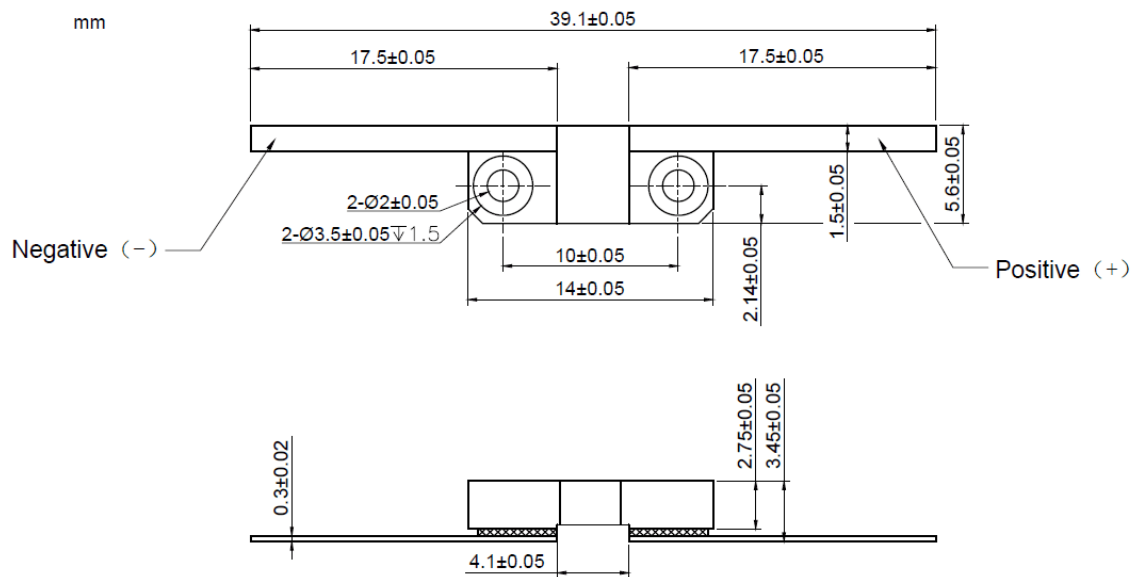
Wavespectrum Laser Group

www.wavespectrum-laser.com

785nm Laser Diode		4W/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">785nmMultimodeE-mount PackageFAC Lens Optional				
Applications: <ul style="list-style-type: none">Medical Laser TreatmentSensingOthers				
Specifications		WSLD-785-004-E		
		Min	Type	Max
Center Wavelength@25℃		±5nm	785nm	±10nm
Spectral Width (FWHM)			2.0nm	
Output Power		----	4W	----
Emitter Area		----	200x1μm	-----
Beam Divergence (FWHM)		----	35° _⊥ x 8° _{//}	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.1W/A	----
Threshold Current (Typ.)		----	0.7A	----
Operating Current (Typ.)		----	4.3A	----
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.

