

880nm 3W Laser Diode With E-mount Package | With FAC Lens Optional

870nm~880nm LD with 3W Output Power | Square Beam Optional

WSLD-880-003-E

Wavespectrum Laser Group

www.wavespectrum-laser.com

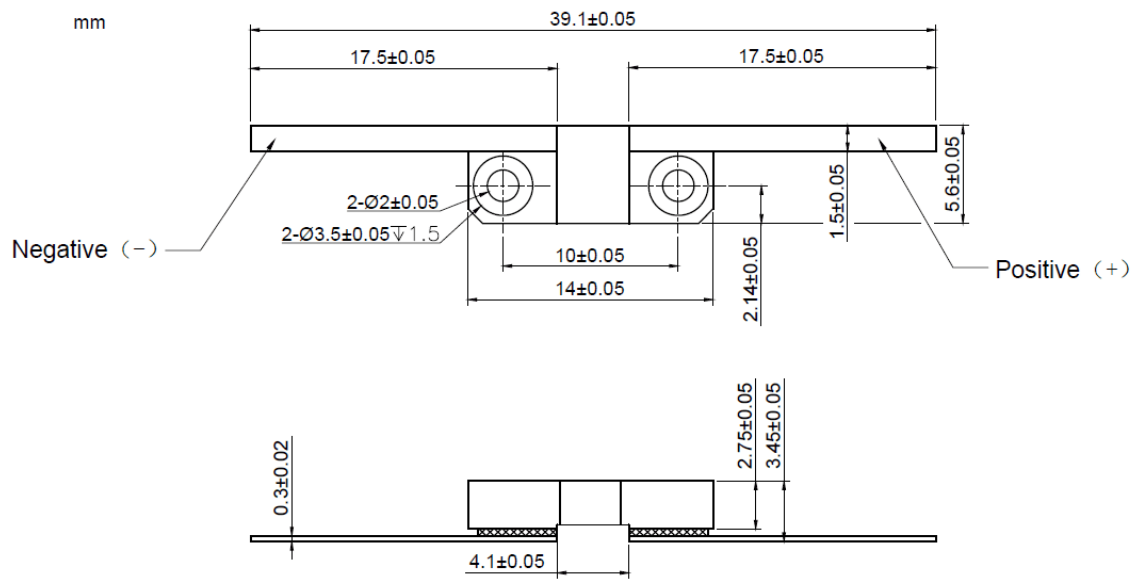
880nm Laser Diode 3W/E-mount

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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: 🔍 880nm 🔍 E-mount Package 🔍 Square Beam Optional				
Applications: 🔍 Medical Laser Treatment 🔍 Laser Indicator 🔍 Laser Detector				
Specifications				
		Min	Type	Max
Center Wavelength@25℃		±3nm	880nm	±10nm
Spectral Width (FWHM)			2.0nm	
Output Power		----	3W	----
Emitter Area		----	150x1μm	-----
Beam Divergence (FWHM)		----	35° _⊥ x 8° _{//}	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.1W/A	----
Threshold Current (Typ.)		----	0.5A	----
Operating Current (Typ.)		----	3.3A	----
Operating Voltage		----	1.8V	----
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.

