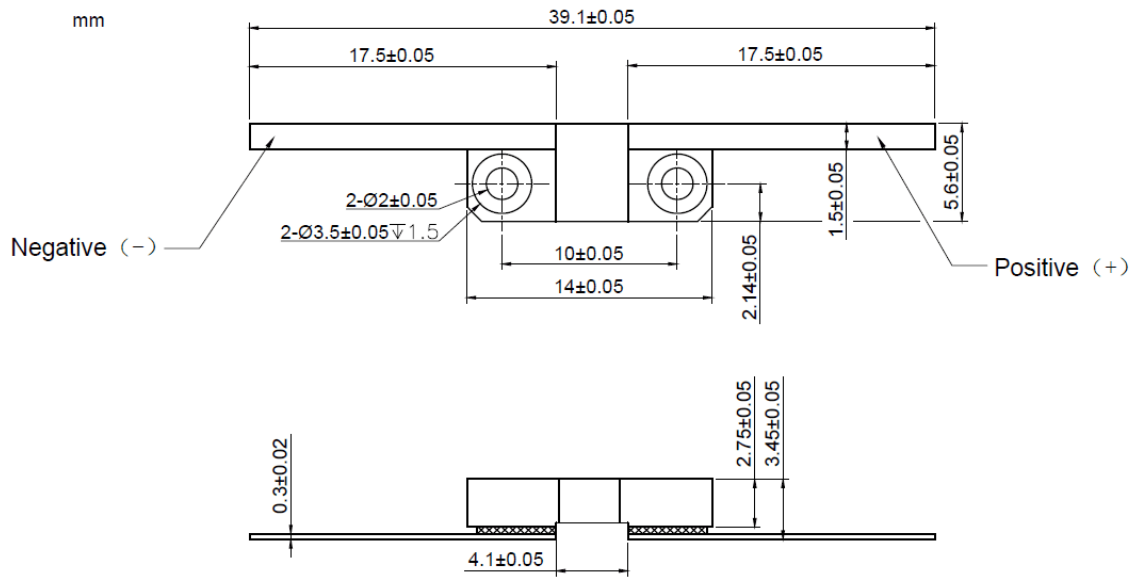


808nm~810nm 8W E-mount Laser Diode | FAC Optional | Square Beam Optional
808nm Laser Diode| High Power LD| 8W Power| E-mount Package
WSLD-808-008-E
Wavespectrum Laser Group
www.wavespectrum-laser.com

808nm Laser Diode		8W/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"> 808nm Multimode E-mount Package FAC Lens Optional 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Laser Pumping Others 					
Specifications		WSLD-808-008-E			
		Min	Type	Max	
Center Wavelength@25°C		±3nm	808nm	±10nm	
Spectral Width (FWHM)			3.0nm		
Output Power		----	8W	----	
Emitter Area		200x1µm (400x1µm optional)			
Beam Divergence (FWHM)		----	35°± x 8°//	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	1.1W/A	----	
Threshold Current (Typ.)		----	1.5A	2.5A	
Operating Current (Typ.)		----	9.0A	9.5A	
Operating Voltage		----	1.8V	2.2V	
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.**

