


930nm~940nm~950nm 12W Laser Diode with E-mount Package | FAC Optional
940nm High Power 12W LD | Square Beam Optional

WSLD-940-012-E

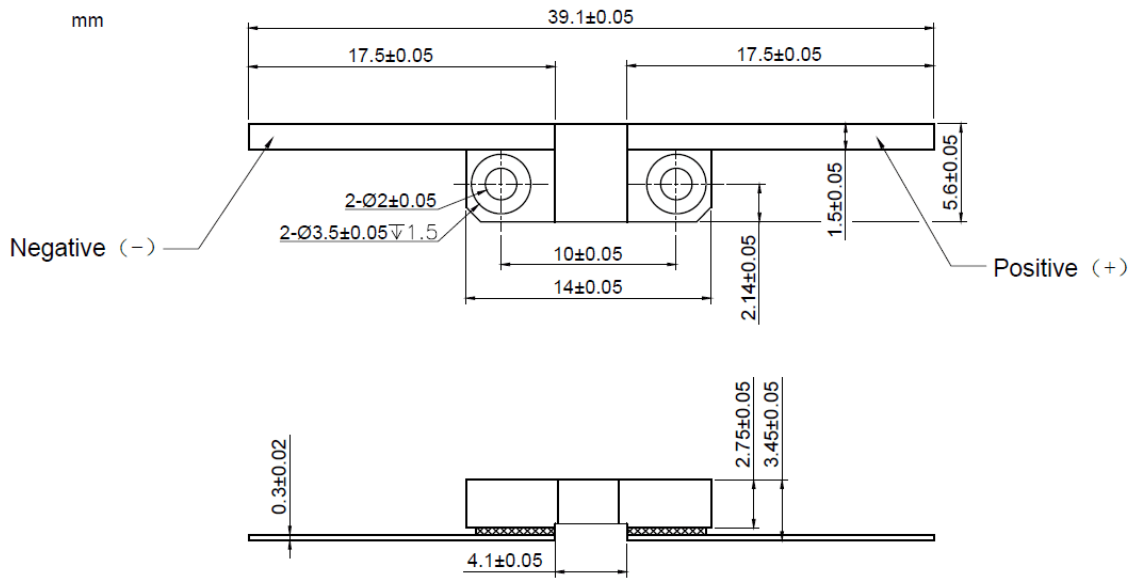
Wavespectrum laser Group

www.wavespectrum-laser.com

940nm Laser Diode		12W/E-mount		Wavespectrum Laser Group	
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"> 940nm CW E-mount Package 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Laser Pumping Other 					
Specifications		WSLD-940-012-E			
		Min	Type	Max	
Center Wavelength@25°C		+/-5nm	940nm	+/-10nm	
Spectral Width (FWHM)		----	4.0nm	----	
Output Power		----	12W	----	
Emitter Area		200x1µm			
Beam Divergence (FWHM)		----	35° _⊥ x 8° _{//}	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	1.0W/A	----	
Threshold Current (Typ.)		----	1.2A	----	
Operating Current (Typ.)		----	13.0A	----	
Operating Voltage		----	1.8V	----	
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.**

