

940nm 5W High Power LD

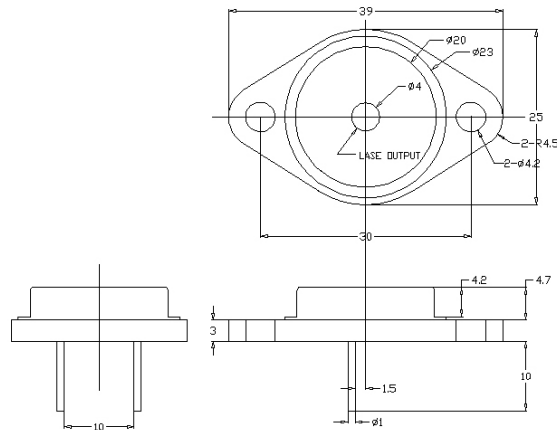
5W 940nm laser diodes with TO 3 Can

WSLD-940-005-3 Wavespectrum laser inc. www.wavespectrum-laser.com

940nm Laser Diode		5W	Wavespectrum Laser, Inc	
Reverse Voltage	V _r	2.0	V	
Operating Temperature	T _{op}	-10~+30	°C	
Storage Temperature	T _{stg}	-20 ~ +85	°C	
Lead soldering temperature (10 sec.)	T _{is}	260	°C	
Features:				
940nm				
CW				
TO3,C-mount package				
Applications:				
Medical laser treatment				
Laser indicator				
Laser detector				
Specifications		WSLD-940-005-3		
		Min	Type	Max
Center Wavelength@25℃		+/-3nm	940nm	+/-10nm
Spectral Width (FWHM)		----	2.5nm	----
Output Power		----	5W	----
Emitter Area		----	200x1μm	----
Beam Divergence (FWHM)		----	36° _⊥ x 10° _{//}	40° _⊥ x 12° _{//}
Temperature Coefficient of Wavelength		----	0.28nm / °C	----
Slope Efficiency		----	1.0mW/mA	----
Threshold Current (Typ.)		----	----	1A
Operating Current (Typ.)		----	----	5.2A
Operating Voltage		----	----	2.0V
Package Style		TO3		



T03 Package View



**Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.**



Please contact us:

Website: www.wavespectrum-laser.com (for more detailed information)

Email: info@wavespectrum-laser.com (for inquiry about this product)

