

976nm~980nm 10W laser diodes with C mount package

980nm 10W high power LD

WSLD-980-010-C

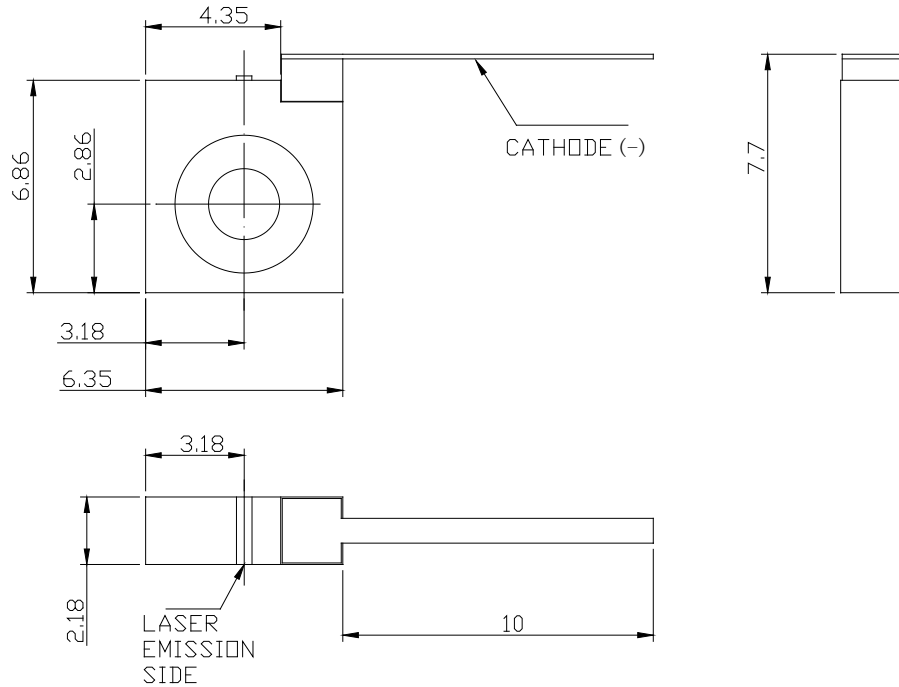
Wavespectrum laser inc.

www.wavespectrum-laser.com

980nm Laser Diode 10W		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}	250	°C
Features: 980nm High power C-mount or TO3 package			
Applications: Medical laser treatment Laser indicator Pumping Others			
Specifications		WSLD-980-010-C	
	Min	Type	Max
Center Wavelength@25°C	+ / - 3nm	980nm	+ / - 10nm
Spectral Width (FWHM)	----	3nm	----
Output Power	----	10W	----
Emitter Area	----	200x1μm	----
Beam Divergence (FWHM)	----	32 °⊥ x 9 ° _{//}	40 °⊥ x 12 ° _{//}
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	0.9W/A	----
Threshold Current (Typ.)	----	1A	----
Operating Current (Typ.)	----	12A	----
Operating Voltage	----	1.9V	----
Package Style	C-mount		
FAC Lens	Optional		



C-mount 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)

