

High Pulsed Power Multi-Mode 1310-850nm Dual LD Single Fiber Module



Laser Diode ($T = 25^\circ\text{C}$)

Parameter		Symbol	Test Conditions	Min	Typical	Max	Units
Center Wavelength	1310nm	λ	Pulse ¹ , $I_F=250\text{mA}$	1290	1310	1330	nm
	850nm		Pulse ¹ , $I_F=500\text{mA}$	830	850	860	
Spectral Width (RMS)	1310nm	$\Delta\lambda$	Pulse ¹ , $I_F=250\text{mA}$	-	-	10	nm
	850nm		Pulse ¹ , $I_F=500\text{mA}$	-	-	5	
Threshold Current	1310nm	I_{th}	CW		-	8	mA
	850nm		CW		-	6	
Operating Current ¹	1310nm	I_{op}	Peak 10mW	-	-	150	mA
	850nm		Peak 10mW	-	-	250	mA
Operating Voltage		V_{op}	Pulse ¹ , $I_F=250\text{mA}$	-	-	3.5	V
			Pulse ¹ , $I_F=500\text{mA}$	-	-	5	
Pulsed Optical Output Power	1310nm	P_0	Pulse ¹ , $I_F=150\text{mA}$	10	-	-	mW
	850nm		Pulse ¹ , $I_F=250\text{mA}$				

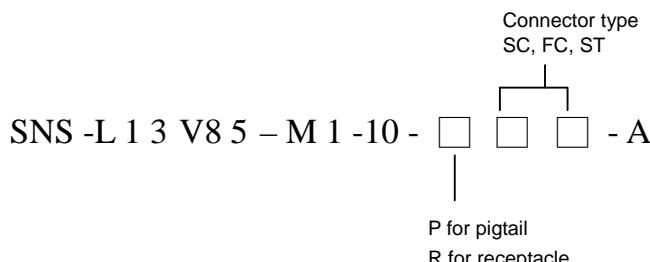
Note 1: Duty Cycle=1%, Pulse Width=10 μs , 50/125um fiber.

Absolute Maximum Ratings ($T=25^\circ\text{C}$)

Parameter	Symbol	Conditions	Ratings	Unit
Forward Current (LD)	I_{op}	Pulse (Note 1), 1310nm	300	mA
		Pulse (Note 1), 850nm	1000	mA
Reverse Voltage (LD)	V_{RL}	-	2	V
Operating Temperature	T_O	-	-20–60	$^\circ\text{C}$
Storage Temperature	T_{std}	-	-40–85	$^\circ\text{C}$
Lead Soldering Temperature (10 sec)	T_L		260	$^\circ\text{C}$

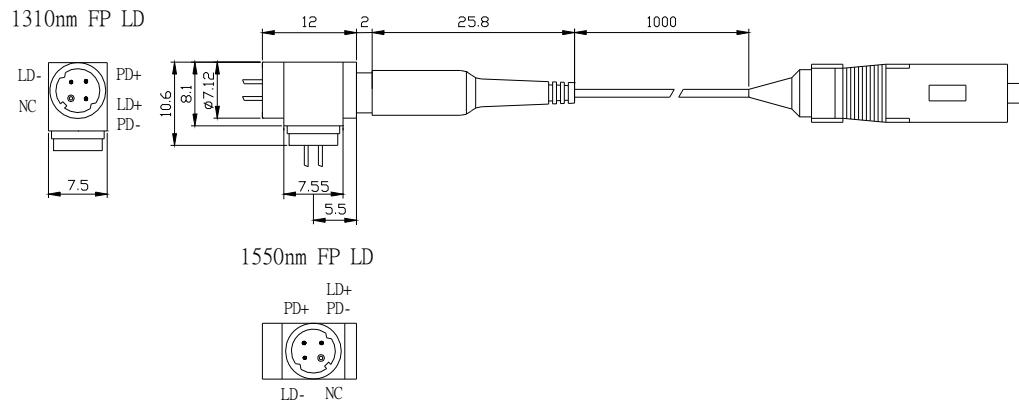
Note 1: Duty Cycle=1%, Pulse Width=10 μs

Ordering Information

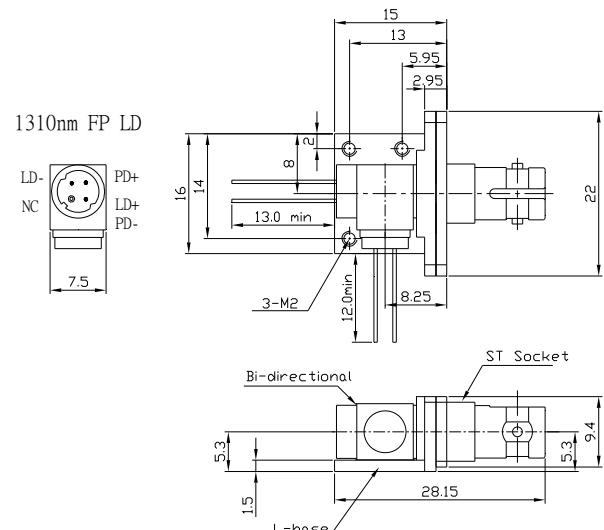


High Pulsed Power Single Mode 1310-1550nm Dual LD Single Fiber Module

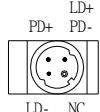
Pigtailed :



ST Receptacle

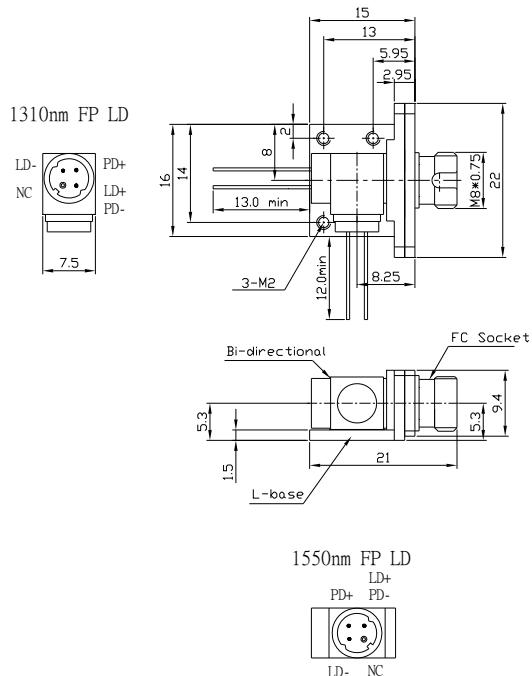


1550nm FP LD



High Pulsed Power Multi-Mode 1310-850nm Dual LD Single Fiber Module

FC Receptacle



SC Receptacle

