

## 1920nm 500mW Multi-mode Fiber Coupled Laser Diode

Part Number		WSLX-1920-500m-M-H9-T-PD		
PARAMETER	SYMBOL	VALUE	UNIT OF MEASURE	
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.)	$T_{ls}$	260	°C	
Typical Specification (@25°C)		Min.	Typical Value	Max.
Optical Specifications	Center Wavelength	1920nm+/-30nm		
	Output Power	----	500mW	----
	Spectral Width(FWHM)	----	15.0nm	----
	Wavelength Temp. Coefficient	0.7nm/°C		
	Laser Type	FP		
Fiber Specifications	Fiber Core	105um (200um/400um Optional)		
	N.A.	0.22		
	Fiber Type	Multi-mode Fiber		
	Fiber Length	>80cm		
	Fiber Connector	FC/SMA905/SC/ST		
Electrical Specifications	Threshold Current	----	0.7A	1.0A
	Operating Current	----	4.2A	4.5A
	Operating Voltage	----	1.1V	1.4V
Photodiode Specifications	Photodiode	Built-in		
	PD Current	----	0.1mA	----
	PD Reverse Voltage (Max. )	30V		
TE Cooler Specifications	TEC Current (Max.)	6A		
	TEC Voltage (Max.)	9.8V		
Thermistor	Thermistor (@25°C)	10KΩ		
Other Specifications	Package	9-Pin		
	Recommended Operating Temp.	25°C		

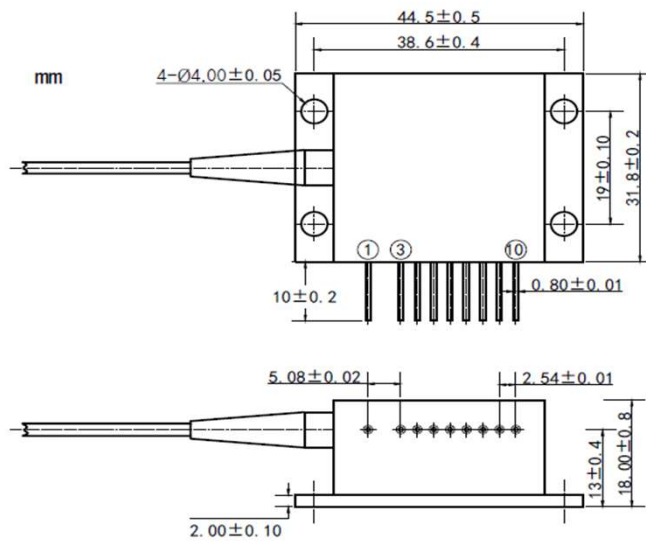
1920nm MM Fiber Coupled LD | 1920nm MMF Pigtailed Laser Diode | Laser Module | TEC | Coaxial 14PIN BTF 9PIN HHL | PD  
 1910nm~1920nm | 500mW | 50um 60um 105um 200um 400um Multi-mode Fiber | 2PIN 4PIN Package | Pigtail LD | Photodiode  
 WSLX-1920-500m-M-H9-T-PD

## 1920nm 500mW Multi-mode Fiber Coupled Laser Diode

**Product Package View:**

**9-Pin Package View:**

**(Part Number: WSLX-1920-500m-M-H9-T-PD)**



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	Thermistor
6	Thermistor
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)