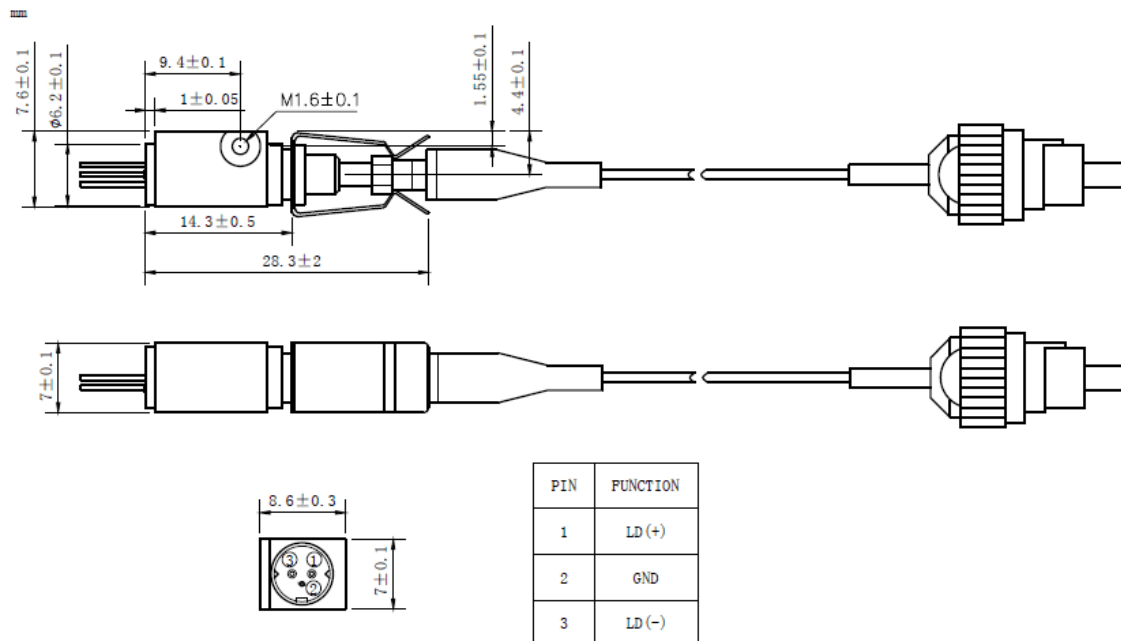


445nm~450nm 1W Fiber Coupled Diode Laser with MM Fiber | 105um Fiber | Blue Laser
445nm 1W Multi-mode Pigtailed LD Module | Coaxial Package | Built-in TEC cooler Optional
WSLP-445-001-M **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

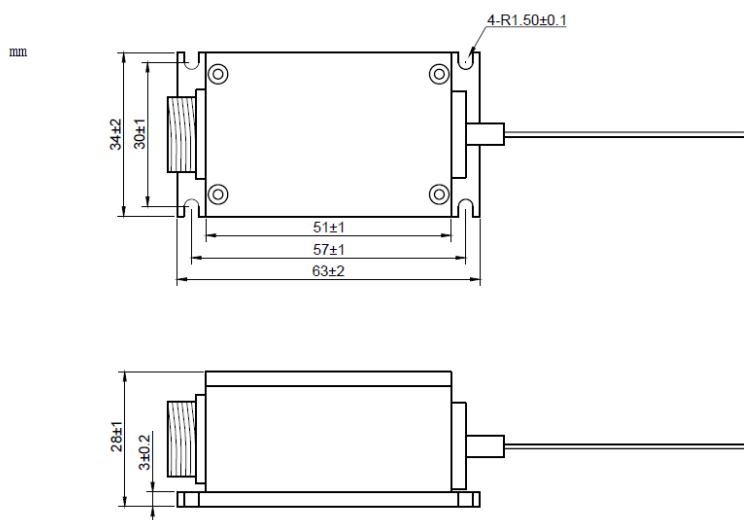
445nm Pigtailed Diode Laser		1W/MM Fiber	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	0 ~ +70		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 450nm - CW Mode - Coaxial or HHL-01 Package - Fiber Receptacle Optional				
Applications: - Medical Laser Treatment - Printing - Others				
Specifications		WSLP-445-001-M		
	Min	Type	Max	
Center Wavelength@25℃	450nm±10nm			
Spectral Width (FWHM)	----	2.0nm	----	
Output Power	----	1W	----	
Recommend Operating Temperature	25℃			
Fiber Type	Multi-mode Fiber			
Fiber Core	105um			
Threshold Current (Typ.)	----	0.3A	0.6A	
Operating Current (Typ.)	----	1.2A	1.4A	
Operating Voltage	----	5.5V	7.0V	
Fiber Length	>80cm			
Fiber Connector	FC/SC/SMA905			
Package Style	Coaxial or HHL-01			
TEC cooler	Optional			



Coaxial Package View: (Part Number: WSLP-445-001-M)



HHL-01 Package View (Built-in TEC cooler): (Part Number: WSLX-445-001-M-H-T)



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



Wavespectrum Laser Group
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