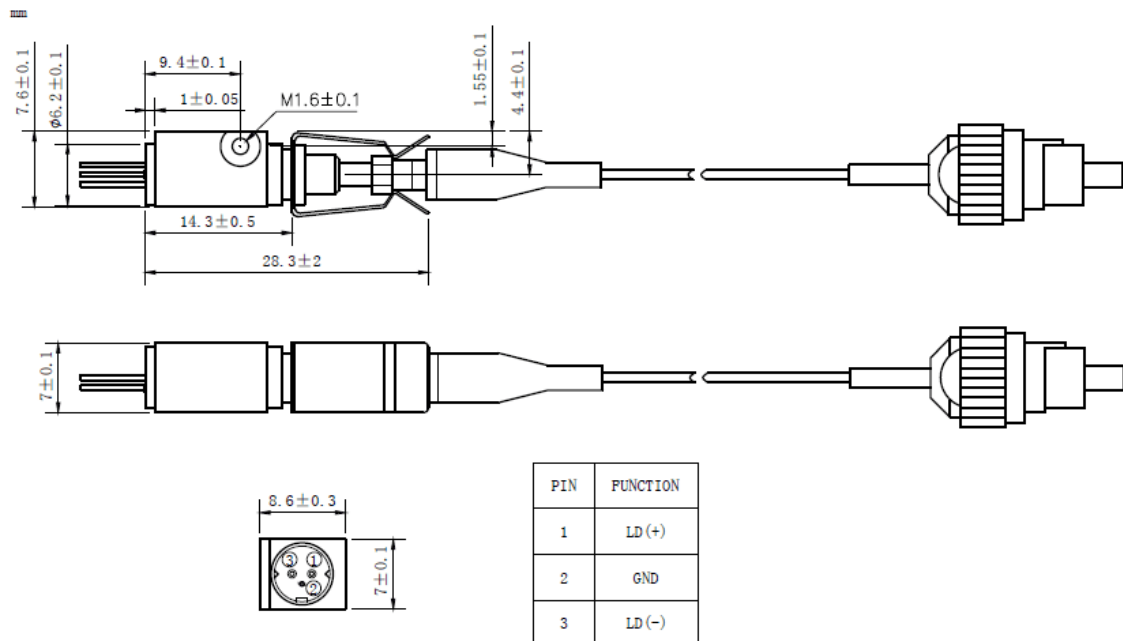


450nm 800mW Fiber Coupled LD with Coaxial Package| Blue Laser Diode
445nm~450nm 800mW Pigtailed Laser Diode With 105um Multi-mode Fiber
WSLP-445-800m-M **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

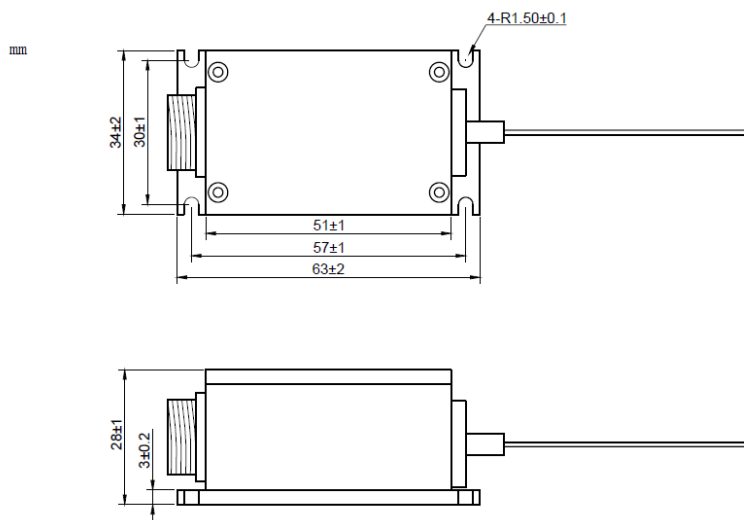
445nm Pigtailed Diode Laser		800mW/MM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	0 ~ +70		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 450nm - Coaxial or HHL-01 Package - Fiber Receptacle Optional - TEC Cooling Optional					
Applications: - Medical Laser Treatment - Printing - Others					
Specifications		WSLP-445-800m-M			
	Min	Type	Max		
Center Wavelength@25℃	450nm±10nm				
Spectral Width (FWHM)	----	3.0nm	----		
Output Power	----	800mW	----		
Fiber Type	MM Fiber				
Fiber Core	105um				
Recommended Operating Temperature	25℃				
Fiber Connector	FC/ST/SMA905				
Fiber Length	>80cm				
Threshold Current (Typ.)	----	0.2A	0.6A		
Operating Current (Typ.)	----	1.1A	1.3A		
Operating Voltage	----	5.5V	6.5V		
Package Style	Coaxial or HHL-01				
TEC cooler	Optional				



Coaxial Package View: (Part Number: WSLP-445-800m-M)



HHL-01 Package View (Built-in TEC cooler): (Part Number: WSLX-445-800m-M-H-T)



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



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