

630nm 300mW Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler

630nm~633nm 300mW Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-630-300m-M-H9-T-PD

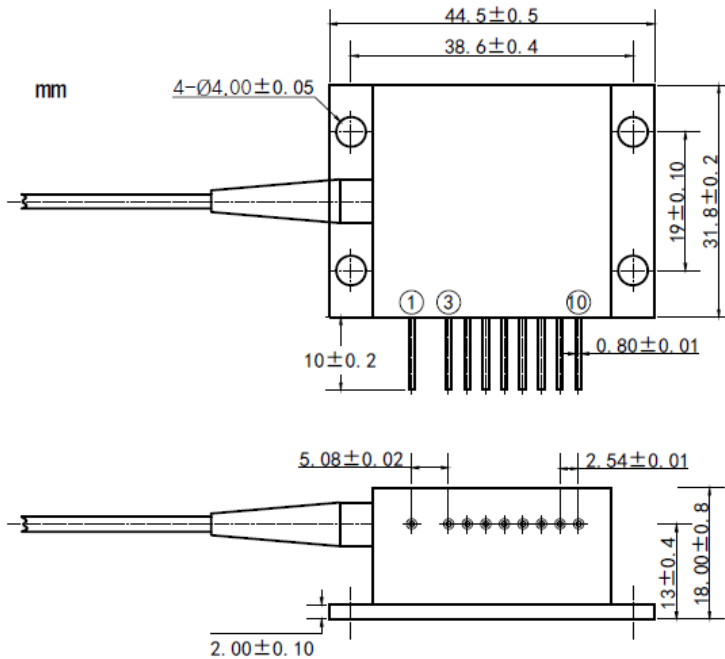
Wavespectrum Laser Group

www.wavespectrum-laser.com

630nm Pigtailed Diode Laser		300mW/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	0~ +20		°C	
Storage Temperature	T_{stg}	-40~ +85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 630nm 9-Pin Package Built-in TEC Cooler Built-in Photodiode 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Sensor Others 					
Specifications		WSLX-630-300m-M-H9-T-PD			
		Min	Type	Max	
Center Wavelength@15°C		630nm±5nm			
Output Power		300mW			
Spectral Width (FWHM)		2nm			
Recommended Operating Temperature		≤15°C			
Temperature Coefficient of Wavelength		0.2nm / °C			
Threshold Current (Typ.)		0.3A			
Operating Current (Typ.)		0.7A			
Operating Voltage		2.5V			
TEC Max Current		6A			
TEC Max Voltage		9.8V			
Thermistor		10K			
Fiber Core		105um (200um Optional)			
N.A.		0.22			
Fiber Connector		FC/SMA905			
Fiber Length		>80cm			
Package Style		9-Pin			



9-PIN HHL Package View



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

Wavespectrum offer **Customized** 630nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@630nm+ 12W@808nm)

Contact us with info@wavespectrum-laser.com

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

