1900nm 700mW Multimode Laser Diode

Features:

- 1900nm
- Multimode
- H-mount Package
- Whithout Photodiod

Applications:

- Medical Laser Treatment
- Biological Laser
- Others

WAVESPECTRUM offers high quality laser diodes, including single-mode laser diodes (SMLD) and multi-mode laser diodes (MMLD), according to different spot patterns. To ensure high quality requirements of laser diodes, we adopt the world's top laser chips for making each laser diode, and the laser dioes will undergo severe aging and various testing before sending to the customer. At present, our company can provide laser diode products with the wavelength range of 405nm ~ 1920nm, and the optical power range is from 10mW to 15W. The main package includes TO38, TO18, TO5, TO3, C-mount, E-Mount, COS and HHL window package. The PD backlight and TE Cooler is optional as per the customer's requirements.

WAVESPECTRUM can offer various wavelengths listed as below::
375nm, 405nm, 445nm/450nm, 465nm, 488nm, 505nm/510nm, 515nm/520nm/525nm, 633nm, 635nm/638nm/640nm/642nm, 650nm/658nm/660nm, 670nm, 685nm/690nm, 705nm, 730nm, 755nm/760nm/770nm, 780nm/785nm, 795nm, 800nm/808nm/810nm, 820nm/830nm, 840nm/850nm/860nm, 880nm, 905nm,915nm, 940nm, 976nm/980nm, 1060nm/1064nm, 1210nm, 1270nm, 1280nm, 1290nm, 1310nm, 1330nm, 1350nm, 1370nm, 1390nm, 1410nm, 1430nm, 1450nm, 1470nm, 1490nm, 1510nm, 1530nm, 1550nm, 1570nm, 1590nm, 1610nm, 1625nm, 1650nm, 1720nm, 1900nm, 1920nm.

WAVESPECTRUM can provide a variety of laser products: single mode laser diode, multimode laser diode, single mode fiber coupling laser modules, polarization maintaining fiber coupled laser modules, multi-mode pigtailed laser modules, fiber detachable laser module, RGB white fiber coupled laser module, medical laser module, turnkey fiber coupled laser system, etc. The main packages for the lasers can be: TO18 | TO5| C-mount | TO3 | E-mount | H-mount | COS | 2-pin | 4-pin | 9-pin |14-pin.

WAVESPECTRUM - welcome to to inquiry any time!
Pls visit our Website for more info.: http://www.wavespectrum-laser.com.cn/index.html

MORE CHOICES, MORE IDEAS

Laser Diode

Fiber Coupled Laser Module

Fiber Receptacle LD

Laser System

RGB Pigtailed White Laser

Medical Laser Module

375nm	405nm	445nm	465nm	488nm	505nm	520nm	525nm	635nm	650nm	660nm	670nm	680nm
685nm	760nm	785nm	790nm	808nm	830nm	850nm	860nm	880nm	905nm	915nm	940nm	980nm
1064nm	1210nm	1270nm	1280nm	1290nm	1310nm	1330nm	1350nm	1370nm	1390nm	1410nm	1430nm	1450nm
1470nm	1490nm	1510nm	1530nm	1550nm	1570nm	1590nm	1610nm	1625nm	1650nm	1720nm	1900nm	1920nm

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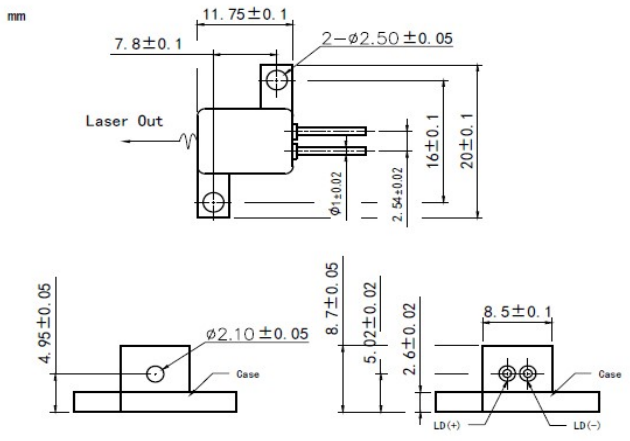
1900nm 700mW Multimode Laser Diode

Part Number		WSLD-1900-700m-H		
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 (@25C°)		Min.	Typical Value	Max.
Optical Parameters	Center Wavelength	1900nm+/-30nm		
	Output Power	----	700mW	----
	Spectral Width(FWHM)	----	15.0nm	----
	Wavelength Temp. Coefficient	0.7nm/°C		
	Laser Type	FP		
	Beam Type	Multimode		
	Emitter Size	85um x 1um		
	Beam Divergence (FWHM)	----	30°⊥x12°//	----
	Slope Efficiency	----	0.2W/A	----
Electrical Parameters	Threshold Current	----	0.7A	1.0A
	Operating Current	----	4.2A	4.5A
	Operating Voltage	----	1.1V	1.4V
Photodiode Parameters	Photodiode	Without		
	PD Current	----	----	----
	PD Reverse Voltage (Max.)	----		
Other Parameters	Package	H-mount		
	Recommended Operating Temp.	25°C		

Product Package View:

H-mount Package: