

780nm~785nm 3W H-mount Laser Diode | Window Package LD | FAC Optional | Square Beam Optional

785nm~790nm Laser Diode | High Power LD | 3W Power | Hermetic Package

WSLD-785-003-H

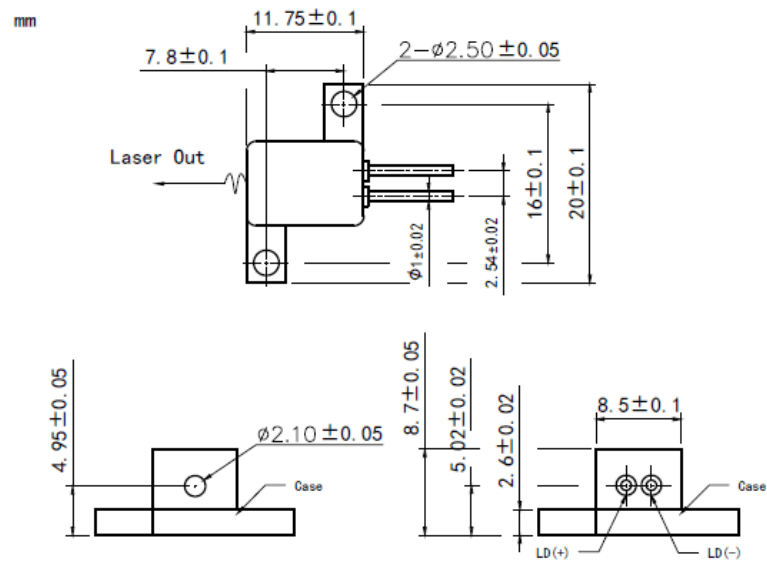
Wavespectrum Laser Group

www.wavespectrum-laser.com

785nm Laser Diode		3W/H-mount	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
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 _{is}	260		°C
Features: 🔍 785nm 🔍 Multimode 🔍 H-mount Package（Window Package） 🔍 FAC Lens Optional				
Applications: 🔍 Medical Laser Treatment 🔍 Sensing 🔍 Others				
Specifications		WSLD-785-003-H		
		Min	Type	Max
Center Wavelength@25℃		±5nm	785nm	±10nm
Spectral Width (FWHM)			2.0nm	
Output Power		----	3W	----
Emitter Area		----	200x1μm	-----
Beam Divergence (FWHM)		----	35°⊥ x 8°//	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.0W/A	----
Threshold Current (Typ.)		----	0.6A	----
Operating Current (Typ.)		----	3.6A	----
Operating Voltage		----	1.9V	----
Package Style		H-mount		
Recommended Operating Temperature		25℃		



H-mount Package View



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

