

1490nm 2.5W Multimode Laser Diode

Part Number		WSLD-1490-2500m-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_{is}	260	°C
Typical Specification (@25°C)		Min.	Typical Value	Max.
Optical Parameters	Center Wavelength	1490nm+/-30nm		
	Output Power	----	2.5W	----
	Spectral Width(FWHM)	----	7.0nm	10.0nm
	Wavelength Temp. Coefficient	0.7nm/°C		
	Laser Type	FP		
	Beam Type	Multimode		
	Emitter Size	85um x 1um		
	Beam Divergence (FWHM)	----	$35^\circ \perp \times 10^\circ //$	----
Slope Efficiency	0.5W/A	----	----	
Electrical Parameters	Threshold Current	----	0.4A	0.7A
	Operating Current	----	5.5A	6.0A
	Operating Voltage	----	1.4V	1.6V
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:

