

1280nm 1500mW Multimode Laser Diode

Part Number	WSLD-1280-1500m-3		
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
Optical Parameters	Center Wavelength	1280nm +/-20nm	
	Output Power	----	1.5W
	Spectral Width(FWHM)	----	7.0nm
	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	----	0.3A
	Operating Current	----	3.3A
	Operating Voltage	----	1.3V
Photodiode Parameters	Photodiode	Without	
	PD Current	----	----
	PD Reverse Voltage (Max.)	----	
Other Parameters	Package	TO3	
	Recommended Operating Temp.	25°C	

Product Package View:

TO3 Package:

