

1280nm 1500mW Multimode Laser Diode

Part Number		WSLD-1280-1500m-C		
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	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°±x10°//	----
Electrical Parameters	Slope Efficiency	0.5W/A	----	----
	Threshold Current	----	0.3A	0.6A
	Operating Current	----	3.3A	3.6A
Photodiode Parameters	Operating Voltage	----	1.3V	1.5V
	Photodiode	Without		
	PD Current	----	----	----
Other Parameters	PD Reverse Voltage (Max.)	----		
	Package	C-mount		
	Recommended Operating Temp.	25°C		

Product Package View:

C-mount Package:

