

1900nm 700mW Multimode Laser Diode

Part Number		WSLD-1900-700m-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	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° \perp x12°//	----
Electrical Parameters	Slope Efficiency	----	0.2W/A	----
	Threshold Current	----	0.7A	1.0A
	Operating Current	----	4.2A	4.5A
Photodiode Parameters	Operating Voltage	----	1.1V	1.4V
	Photodiode	Without		
	PD Current	----	----	----
Other Parameters	PD Reverse Voltage (Max.)	----		
	Package	TO3		
	Recommended Operating Temp.	25°C		

Product Package View:

TO3 Package:

