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DATE SHEET

PART NO : L-513LPG6C

REV : A/2

CUSTOMER`S APPROVAL: _____

DCC: _____

DRAWING NO : DS-5 ¢ -0079

DATE : 2007-01-30

Page : 1

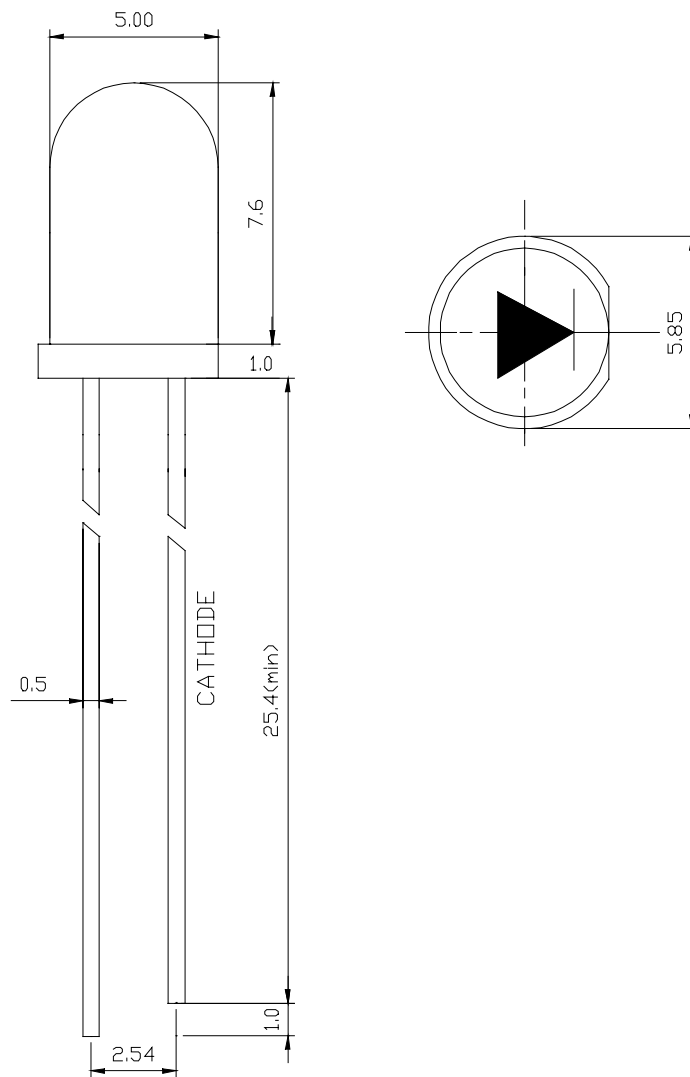


5.0 mm DIA LED LAMP

L-513LPG6C

REV : A/2

Lens Color: Water Clear
Emitted Color: Ultra Pure Green



Notes:

- 1、 All dimension are in millimeter.
- 2、 Tolerance is ± 0.25 mm unless otherwise specified.



5.0 mm DIA LED LAMP

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REV : A/2

ABSOLUTE MAXIMUM RATING : (Ta=25)

SYMBOL	PARAMETER DESCRIPTION	Data	Unit
P _{AD}	Power Dissipation Per Dice	85	mW
V _R	Reverse Voltage Per Dice	5	V
I _{AF}	Continuos Forward Curent Per Dice	20	mA
	Derating Linear Form 25 Per Dice	0.40	mA/°C
T _{opr}	Operating Temperature Range	-25 to 85	
T _{stg}	Storage Temperature Range	-25 to 85	
Lead Soldering Temperature (1.6mm(1/16inch) from body)		260°C for 5 Seconds	

ELECTRO-OPTICAL CHARACTERISTICS : (Ta=25)

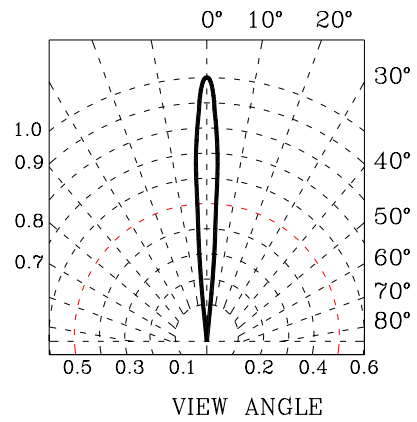
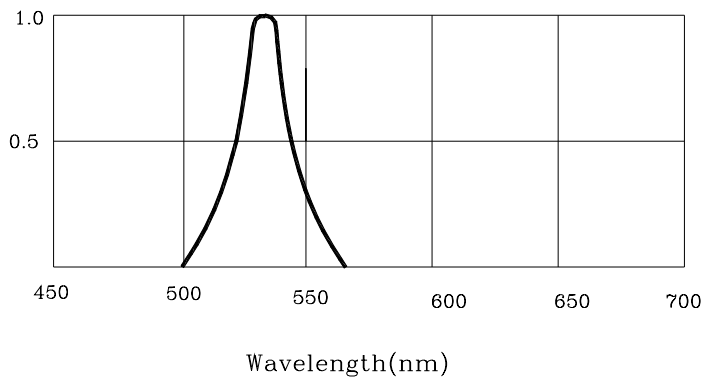
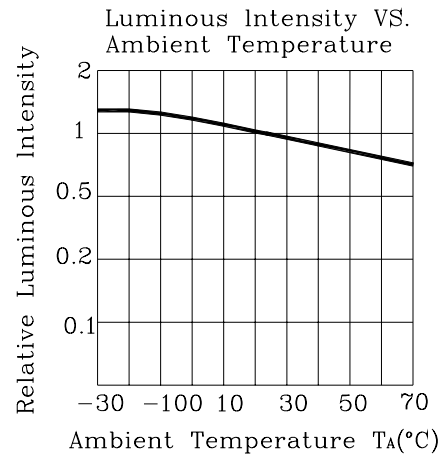
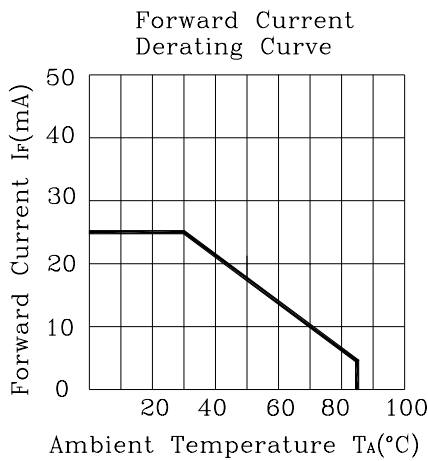
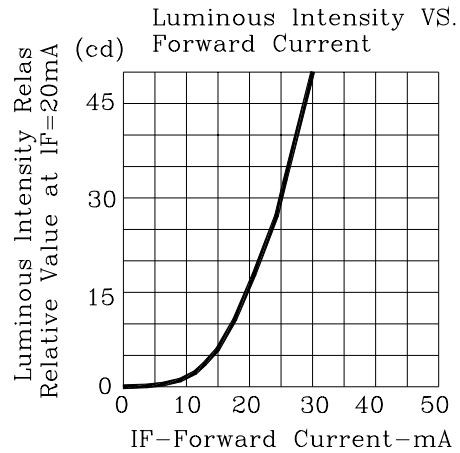
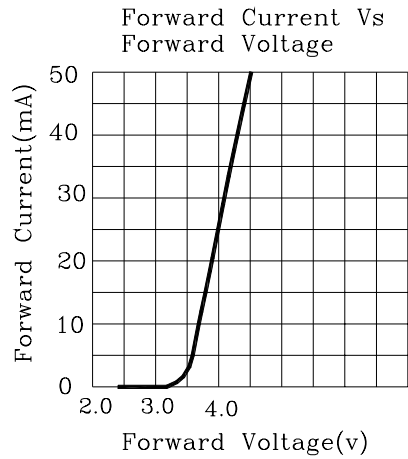
SYMBOL	PARAMETER DESCRIPTION	Test Condition	MIN	TYP	MAX	Unit
V _F	Forward Voltage	I _F =20mA		3.3	3.8	V
I _R	Reverse Current	V _R =5V			100	µA
p	Peak Emission Wavelength	I _F =20mA		528		nm
	Spectrum Radiation Bandwidth	I _F =20mA		30		nm
2 1/2	Half Intensity Angle	I _F =20mA		8		deg
I _v	Luminous Intensity	I _F =20mA		15000		mcd



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