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DATE SHEET

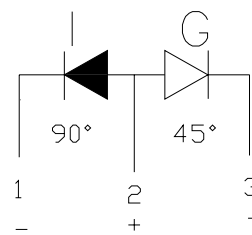
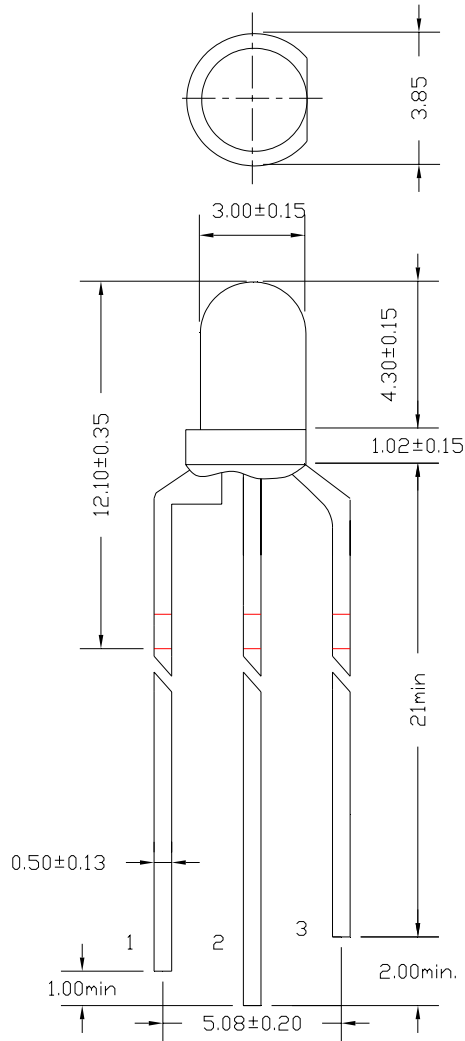
PART NO : L-319IGW-CA-SS

REV : A/3

CUSTOMER'S APPROVAL: _____

DCC: _____

PACKAGE DIMENSIONS



Notes:

- 1、 All dimension are in millimeter.
- 2、 Tolerance is ± 0.50 mm unless otherwise specified.



3.0 mm DIA LED LAMP

L-319IGW-CA-SS

REV :A/3

FEATURES

- * 3.0mm DIA LED LAMP.
- * LOW POWER CONSUMPTION.
- * LONG LIFE SOLID STATE RELIABILITY
- * Pb FREE PRODUCTS

CHIP MATERIALS

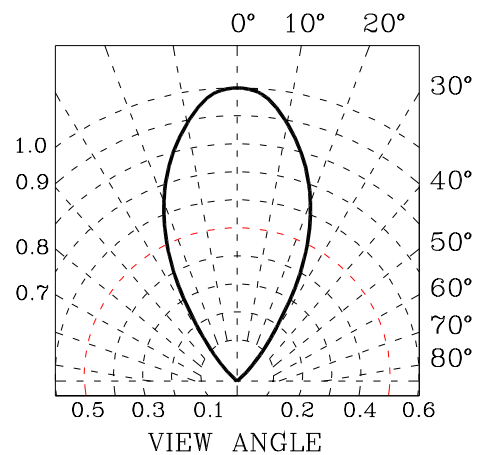
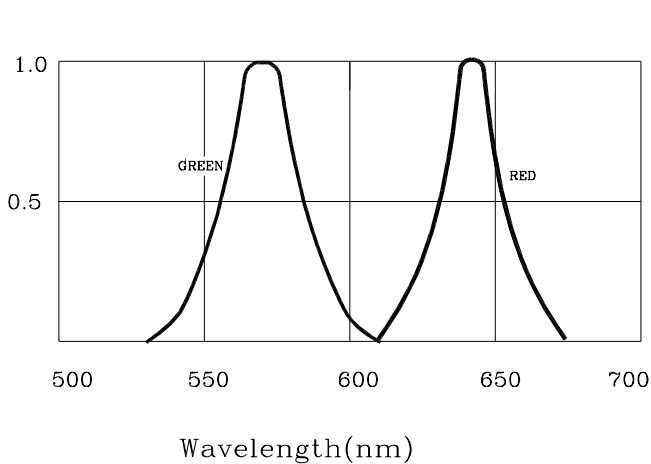
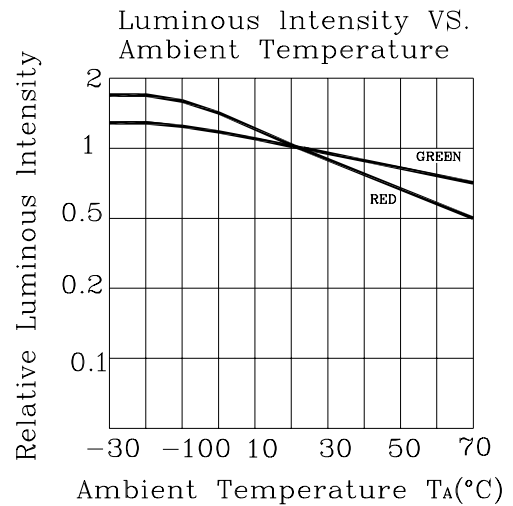
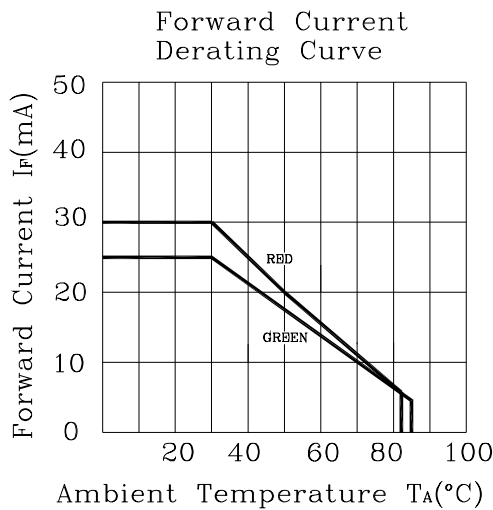
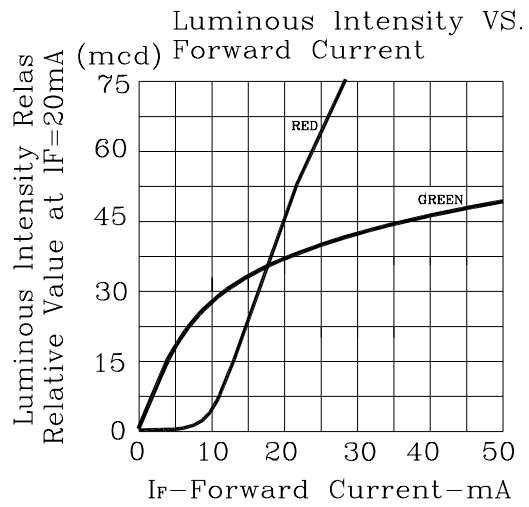
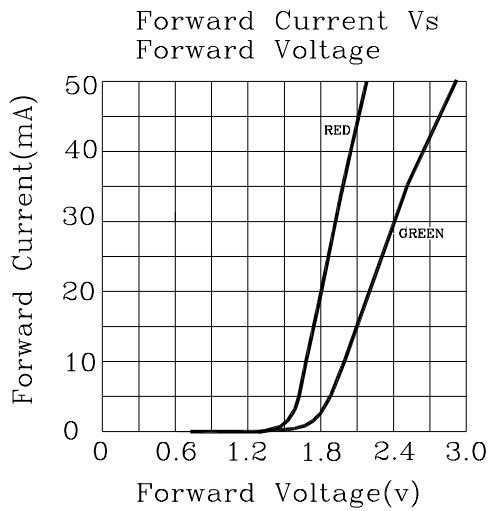
- * Dice Material : Red:GaAlAs &Green: GaP
- * Light Color : Red&Green
- * Lens Color : White Diffused

ABSOLUTE MAXIMUM RATING : (Ta=25)

SYMBOL	DESCRIPTION	RED	GREEN	UNIT
PD	Power Dissipation Per Chip	75	75	mW
VR	Reverse Voltage Per Chip	5	5	V
IF	Average Forward Current Per Chip	30	30	mA
IPF	Peak Forward Current Per Chip (Duty=0.1,1KHZ)	100	100	mA
-	Derating Linear From 25°C Per Chip	0.4	0.4	mA/°C
Topr	Operating Temperature Range	-40°C to 85°C		
Tstg	Storage Temperature Range	-40°C to 85°C		

ELECTRO-OPTICAL CHARACTERISTICS : (Ta=25)

SYMBOL	PARAMETER	TEST CONDITION	I			G			UNIT
			MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	
VF	Forward Voltage	IF=20mA		1.8	2.3		2.2	2.8	v
IR	Reverse Current	VR=5V			100			100	μA
λD	Dominant Wavelength	IF=20mA		645			571		nm
Δλ	Spectral Line Half - Width	IF=20mA		20			20		nm
2θ1/2	Half Intensity Angle	IF=20mA		50			50		deg
IV	Luminous Intensity	IF=20mA		45			40		mcd



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