

Surface Mounted Chip LED
Model No. : CL-SP155UYGUHY
■ Features :

- Compatible with automatic placement equipment
- Compatible with reflow solder process

■ Applications :

- Automotive_Telecommunication
- Indicators
- LCD Back-lights
- Illuminations

Absolute Maximum Ratings
(Ta=25°C)

Item	Symbol	Maximum	Unit
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Derating Linear From 25°C		0.4	mA/°C
Operating Temperature Range	Topr	-30 to +80	°C
Storage Temperature Range	Tstg	-40 to +85	°C

Electrical / Optical Characteristics
(Ta=25°C)

Chip			Lens Appearance	Absolute Maximum Rating			Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)
Emitted Color	λ _P (nm)	λ _D (nm)		Δλ (nm)	Pd (mW)	If (mA)	Vf(V)		Iv(mcd)		
	Typ.	Max.					Min.	Typ.			
Ultra Yellow Green	575	574	Water Clear	15	78	30	2.1	2.6	20	45	130°
Ultra High Yellow	593	592		15	78	30	2.1	2.6	45	70	

ISSUE	DIMENSION NO :	VERSION :	DATE :
		B	2007/02/01
	APPROVAL :	CHECK :	EDIT :