

## SURFACE MOUNT CHIP LED LAMPS

### Model No. LEM-65121T

#### FEATURES:

- Ultra compact (1.6×0.8×0.8)
- ※Auto insertable.  
Using 8 mm wide tape
- ※Ultra low profile

#### APPLICATION:

- ※ Indicators on printed circuit boards
- ※ LCD Back-lights
- ※ Illuminations
- ※ Automotive-Telecommunication

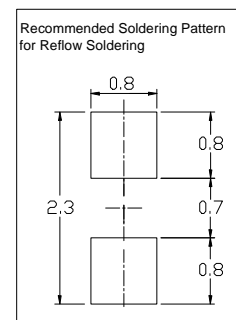
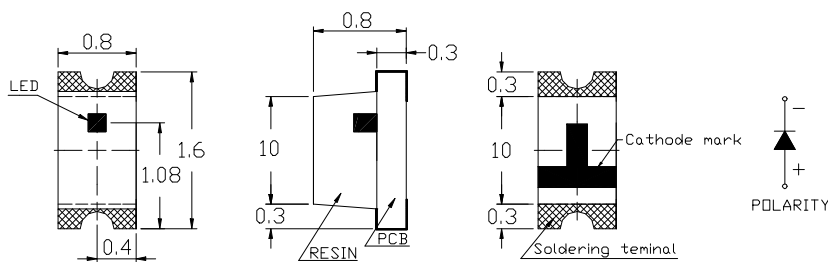
Emitted Color	Material	Wavelength (nm)	Lens Color
Blue	InGaN	470	Water Clear

#### ABSOLUTE MAXIMUM RATINGS ( $T_a = 25^{\circ}\text{C}$ )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power dissipation	Pm	78	mW
Forward direct current	IFm	30	mA
Peak forward current	IFp	100	mA
Reverse voltage	VRm	5	V
Operating temperature	Topr	-25 to +80	°C
Storage temperature	Tstg	-30 to +85	°C

#### ELECTRO-OPTICAL CHARACTERISTICS ( $T_a = 25^{\circ}\text{C}$ )

CHARACTERISTIC	SYMBOL	CONDITION	Min.	Typ.	Max.	UNIT
Luminous intensity	Iv	IF=20mA	15	33		mcd
Forward voltage	VF	IF=20mA		3.5	4.2	V
Reverse current	IR	VR=5V			10	μA
Peak emission wavelength	$\lambda_P$	IF=20mA		468		nm
Dominant wavelength	$\lambda_D$	IF=20mA		470		nm
Viewing angle	$2\theta_{1/2}$	IF=20mA		130		deg.



- Note: 1. All dimensions are in millimeters.  
2. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise specified.