

# SURFACE MOUNT CHIP LED LAMPS

## Model No. LEM-95121D

### 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
White	InGaN	470	Yellow Diffused

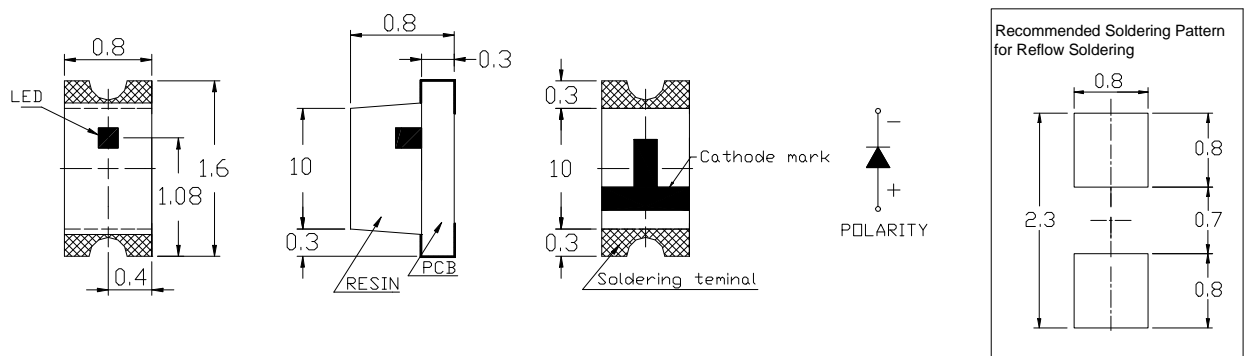
### ABSOLUTE MAXIMUM RATINGS ( $T_a = 25^{\circ}\text{C}$ )

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	45	95		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		-		nm
Chromaticity coordinate	X	IF=20mA		0.29		
	Y			0.29		
Viewing angle	$2\theta 1/2$	IF=20mA		140		deg.

### PACKAGE DIMENSIONS OF DEVICE



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