

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

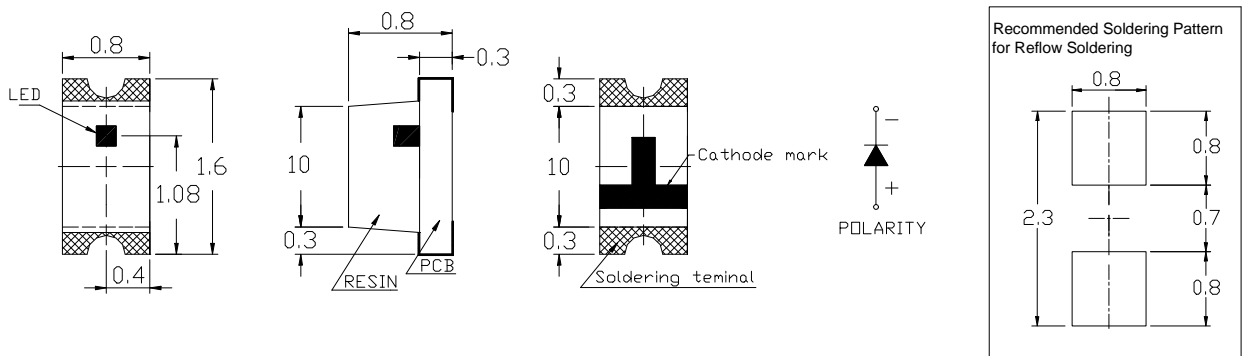
ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

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	λ P	IF=20mA		-		nm
Chromaticity coordinate	X	IF=20mA		0.29		
	Y			0.29		
Viewing angle	2θ 1/2	IF=20mA		140		deg.

PACKAGE DIMENSIONS OF DEVICE



- Note: 1. All dimensions are in millimeters.
 2. Tolerance is ±0.25mm unless otherwise specified.