

SURFACE MOUNT CHIP LED LAMPS

Model No. LEM-51221T

FEATURES:

- ※ Ultra compact (2.0×1.25×0.8)
- ※ 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
Yellow Green	GaP	570	Water Clear

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

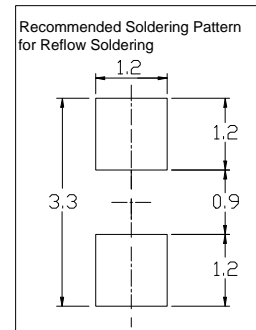
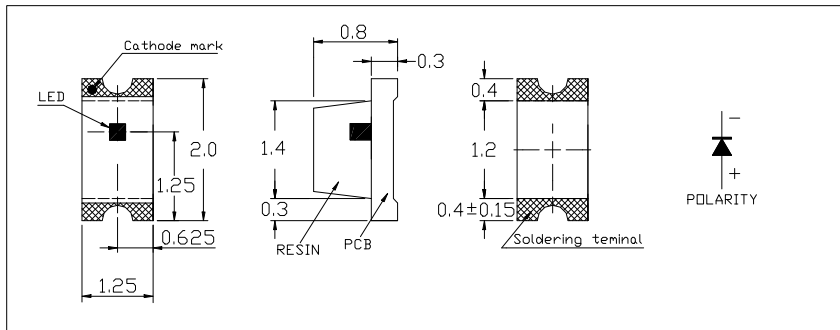
CHARACTERISTIC	SYMBOL	RATING	UNIT
Power dissipation	Pm	78	mW
Forward direct current	IFm	30	mA
Peak forward current	IFp	100	mA
Reverse voltage	VRm	5	V
Operating temperature	Topr	-25 to +80	°C
Storage temperature	Tstg	-30 to +85	°C

ELECTRO-OPTICAL CHARACTERISTICS

$T_a = 25^\circ\text{C}$

CHARACTERISTIC	SYMBOL	CONDITION	Min.	Typ.	Max.	UNIT
Luminous intensity	Iv	IF=20mA	6	15		mcd
Forward voltage	VF	IF=20mA		2.3	2.7	V
Reverse current	IR	VR=5V			10	μA
Peak emission wavelength	λP	IF=20mA		568		nm
Dominant wavelength	λD	IF=20mA		570		nm
Viewing angle	$2\theta 1/2$	IF=20mA		130		deg.

PACKAGE DIMENSIONS OF DEVICE



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