SURFACE MOUNT CHIP LED LAMPS Model No. LEM-51321T

FEATURES: APPLICATION:

Compatible with automatic placement LCD Back-lightsequipment* Illuminations

*Compatible with reflow solder process
* Automotive-Telecommunication

Emitted Color	Material	Wavelength (nm)	Lens Color
Yellow Green	GaP	570	Water Clear

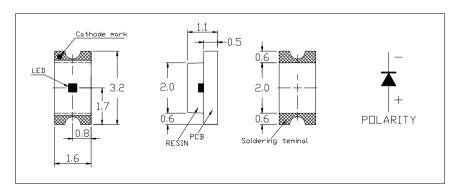
ABSOLUTE MAXIMUM RATINGS ($Ta = 25^{\circ}C$)

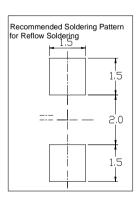
CHARACTERISTIC	SYMBOL	RATING	UNIT
Power dissipation	Pm	68	mW
Forward direct current	IFm	30	mA
Peak forward current	IFp	100	mA
Reverse voltage	VRm	5	V
Operating temperature	Topr	-30 to +80	$^{\circ}\!\mathbb{C}$
Storage temperature	Tstg	-40 to +85	$^{\circ}\!\mathbb{C}$

ELECTRO-OPTICAL CHARACTERISTICS ($Ta = 25^{\circ}C$)

CHARACTERISTIC	SYMBOL	CONDITION	Min.	Typ.	Max.	UNIT
Luminous intensity	Iv	IF=20mA	6.0	15		mcd
Forward voltage	VF	IF=20mA		2.3	2.7	V
Reverse current	IR	VR=5V			10	μA
Peak emission wavelength	λР	IF=20mA		568		nm
Dominant wavelength	λD	IF=20mA		570		nm
Viewing angle	$2\theta 1/2$	IF=20mA		140		deg.

PACKAGE DIMENSIONS OF DEVICE





Note: 1. All dimensions are in millimeters.

2. Tolerance is ± 0.25 mm unless otherwise specified.