SURFACE MOUNT CHIP LED LAMPS

Model No. LEM-51321T

FEATURES:

※Ultra compact (3.2×1.6×1.1)
※Compatible with automatic placement equipment
※Compatible with reflow solder process

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

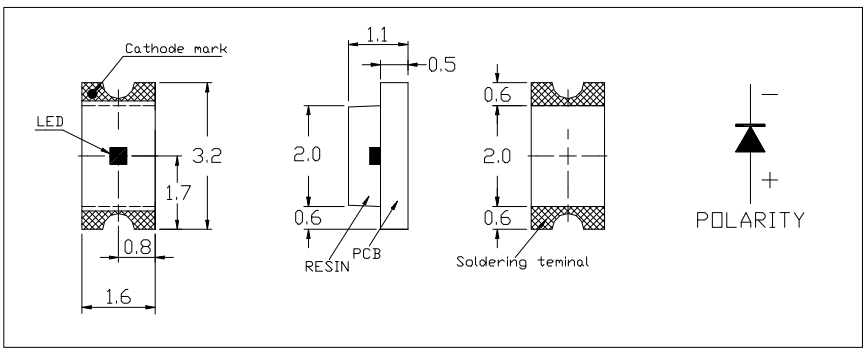
ABSOLUTE MAXIMUM RATINGS *(Ta = 25℃)*

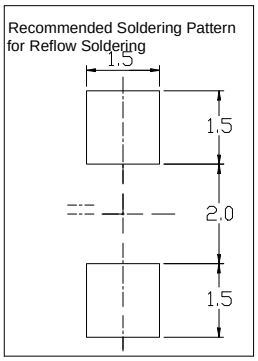
CHARACTERISTIC	SYMBOL	RATING	UNIT
Power dissipation	Pm	*68*	mW
Forward direct current	IFm	*30*	mA
Peak forward current	IFp	*100*	mA
Reverse voltage	VRm	*5*	V
Operating temperature	Topr	*-30 to +80*	℃
Storage temperature	Tstg	*-40 to +85*	℃

ELECTRO-OPTICAL CHARACTERISTICS *(Ta = 25℃)*

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	λP	IF=20mA		*568*		nm
Dominant wavelength	λD	IF=20mA		*570*		nm
Viewing angle	2θ1/2	IF=20mA		*140*		deg.

PACKAGE DIMENSIONS OF DEVICE





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