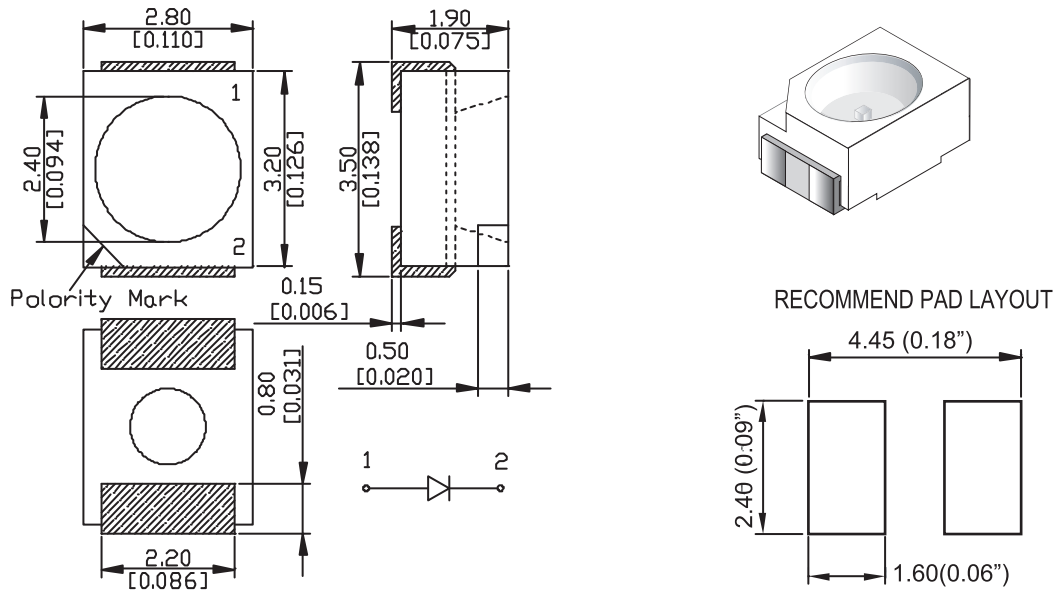
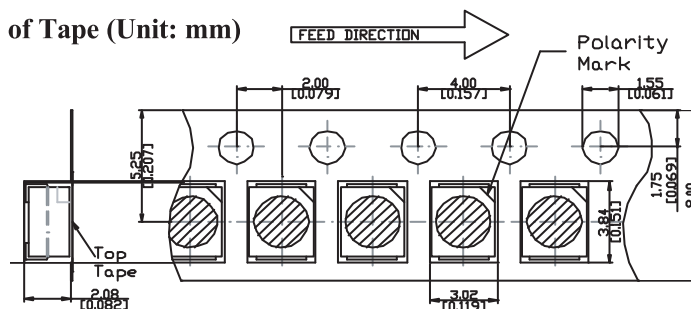


LBD 310 JC



Dimensions of Tape (Unit: mm)



Absolute maximum ratings(Ta=25 C)

Parameter	Symbol	Value	Unit
Forward current	I _f	30	mA
Reverse voltage	V _r	5	V
Power dissipation	P _d	81	mW
Operating temperature range	Top	-20~+80	C
Storage temperature range	T _{stg}	-20~+80	C
Peak pulsing current (1/8 duty f=1kHz)	I _{fp}	125	mA

Item	Materials
Resin	Epoxy
Bonding wire	25 um Au
Lens color	Water transparent
Dice	GeP
emitted color	Green

Electro-optical characteristics(Ta=25 C)

Parameter	Test Condition	Symbol	Value			Unit
			Min	Typ	Max	
Wavelength at peak emission	I _f =20mA	peak	550	555	560	nm
Spectral half bandwidth	I _f =20mA		\	25	\	nm
Dominant wavelength	I _f =20mA	dom	\	560	\	nm
Forward voltage	I _f =20mA	V _f	\	2.2	2.7	V
Luminous intensity	I _f =20mA	I _v	5	7	\	mcd
Viewing angle at 50% I _v	I _f =10mA	2θ 1/2	\	120	\	Deg
Reverse current	V _r =5V	I _r	\	\	10	uA