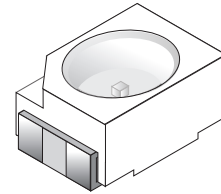
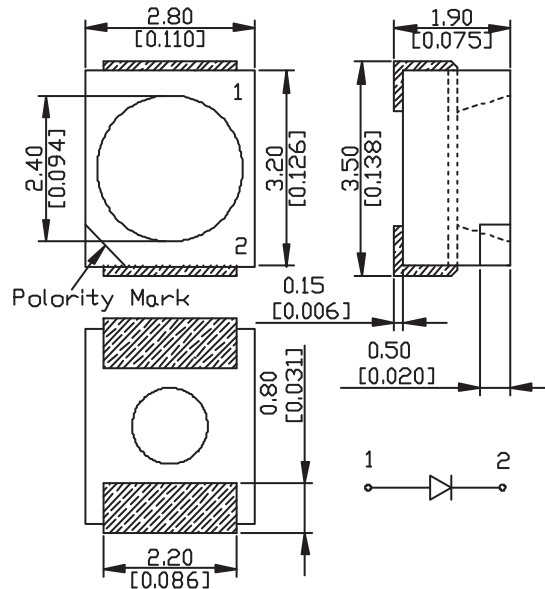
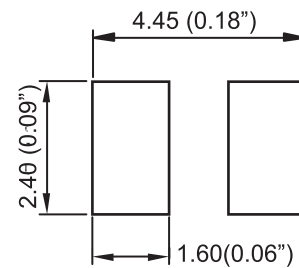


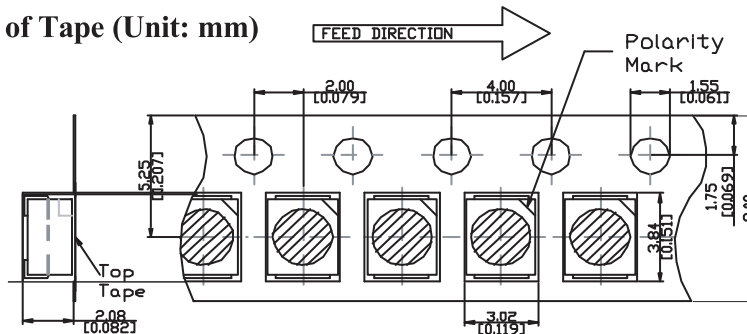
KTD 310



RECOMMEND PAD LAYOUT



Dimensions of Tape (Unit: mm)



Absolute maximum ratings(Ta=25°C)

Item	Materials
Resin	Epoxy
Bonding wire	Ø 30 µm Au
Lens color	Diffused
Dice	AlGaInP
emitted color	White

Parameter	Symbol	Value	Unit
Forward current	If	20	mA
Reverse voltage	Vr	5	V
Power dissipation	Pd	72	mW
Operating temperature range	Top	-20~+80	°C
Storage temperature range	Tstg	-20~+80	°C
Peak pulsing current (1/8 duty f=1kHz)	Ifp	100	mA

Electro-optical characteristics(Ta=25°C)

Parameter	Test Condition	Symbol	Value			Unit
			Min	Typ	Max	
Forward voltage	If=20mA	Vf	2.9	\	3.6	V
Luminous intensity	If=20mA	Iv	\	500	700	mcd
Viewing angle at 50% Iv	If=10mA	2Θ 1/2	\	120	\	Deg
Reverse current	Vr=5V	Ir	\	\	10	uA

*1 Note:Luminous intensity tolerances are +/- 10%