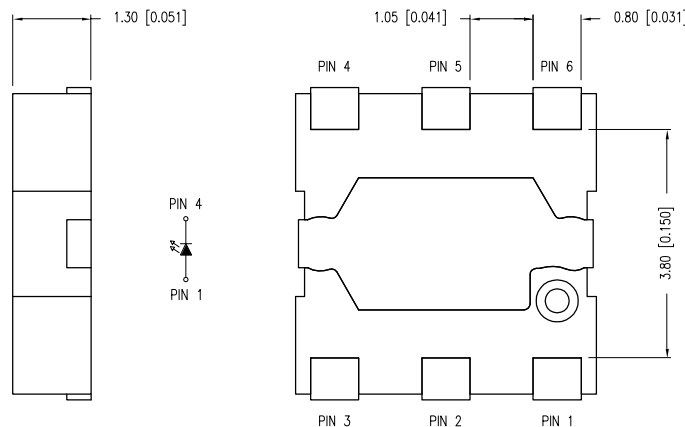
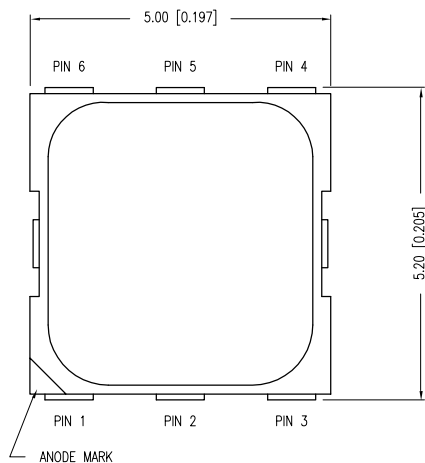
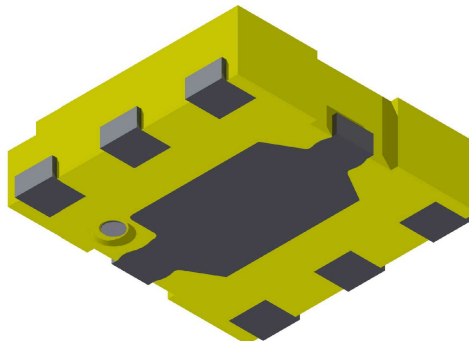
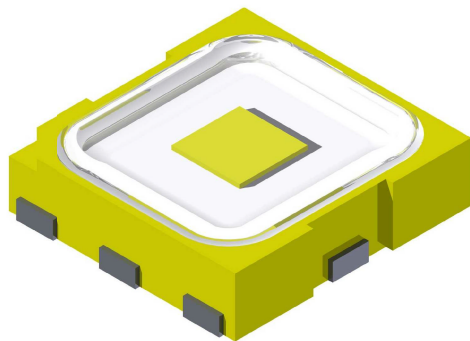


1.00



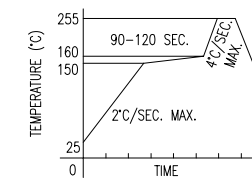
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=300\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		---		nm	
FORWARD VOLTAGE	3.03		3.99	V_f	$I_f=300\text{mA}$
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
LUMINOUS FLUX	80	85	90	lm	$I_f=300\text{mA}$
COLOR TEMP.	2750	6000	9000	K	
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER DIE		
PARAMETER	MAX	UNITS
DC FORWARD CURRENT*	500	mA
STEADY CURRENT	300	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.5	mW/ $^{\circ}\text{C}$
LED JUNCTION TEMP.	120	$^{\circ}\text{C}$
OPERATING TEMP.	-30 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +120	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		5 SEC. MAX

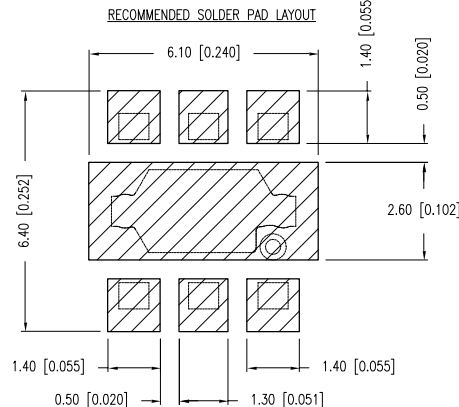
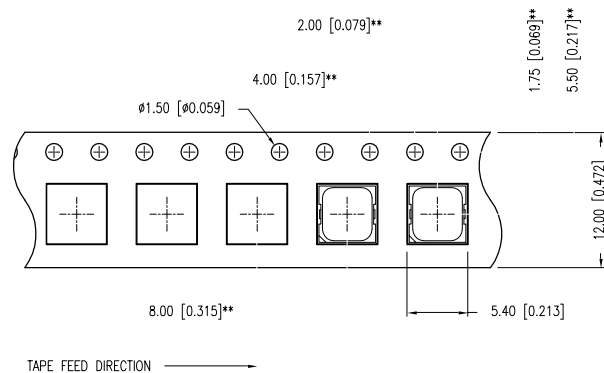
* $t < 10\mu\text{s}$

LEAD FREE REFLOW PROFILE

10 SEC. MAX.

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION



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NEEDS TITLE

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	09.28.10	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	--
UNIT:	mm [INCH]		