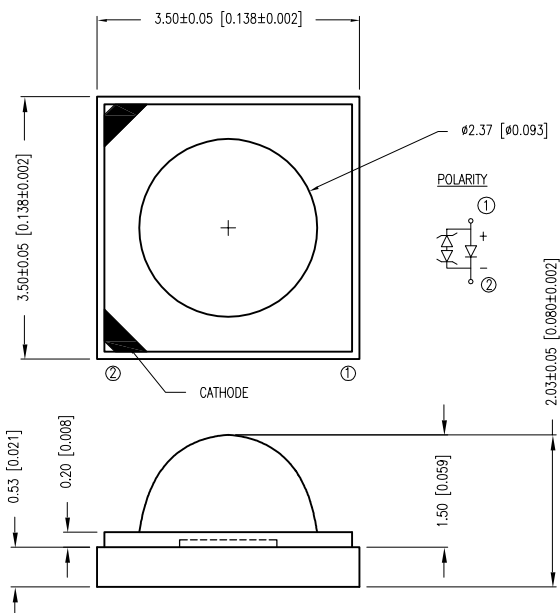
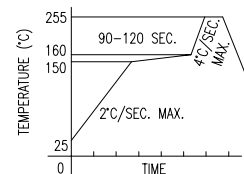




CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

LEAD FREE REFLOW PROFILE

10 SEC. MAX.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=700\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE	3.25		4.15	V_f	$I_f=700\text{mA}$
REVERSE VOLTAGE	5.0			V_r	$I_r=10\text{uA}$
LUMINOUS FLUX	110			lm	$I_f=700\text{mA}$
COLOR TEMPERATURE	2500		3710	K	
CRI		80			
VIEWING ANGLE		115		2x theta	
EMITTED COLOR:	WARM WHITE				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT*	I_P	1000	mA
STEADY CURRENT	I_F	750	mA
POWER DISSIPATION	P_D	1000	mW
OPERATING TEMP.	T_{OPR}	-40 TO +100	°C
STORAGE TEMP.	T_{STO}	-40 TO +100	°C

*DUTY 1/10 PULSE WIDTH 10ms

THERMAL PARAMETER TABLE

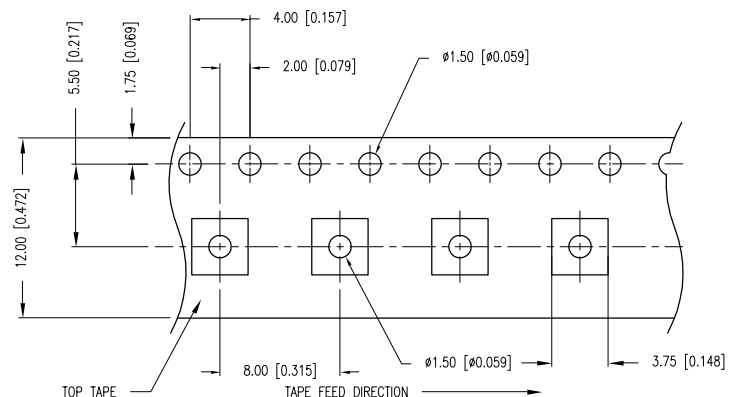
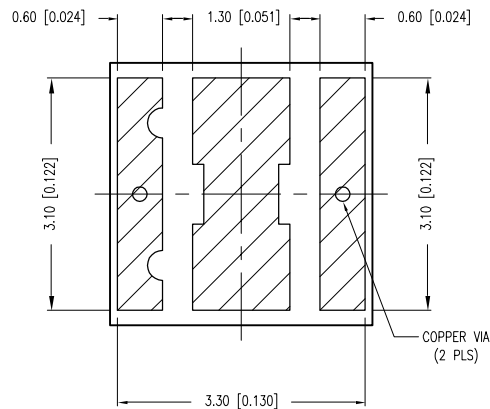
PARAMETER	MAX	UNITS
THERMAL RESISTANCE	6	°C/W
JUNCTION TEMPERATURE	125	°C

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 1 STANDARDS

NOTE:

1. CATHODE IS ORIENTED TOWARDS
TAPE SPROCKET HOLES

RECOMMENDED SOLDER PAD LAYOUT



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