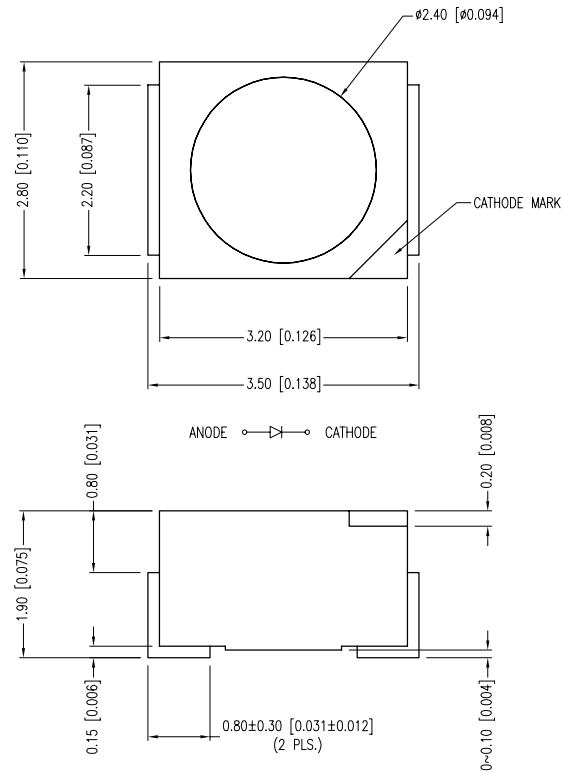


ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
FORWARD VOLTAGE	2.9	3.2		Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=100 μ A
AXIAL INTENSITY*	2300		3000	mcd	If=20mA
COLOR TEMPERATURE	5500		6500	K	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

LIMITS OF SAFE OPERATION AT 25°C

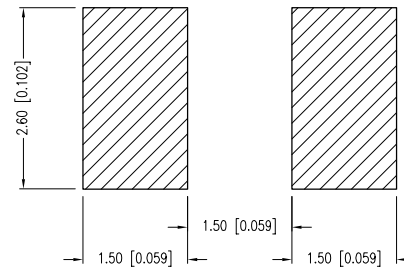
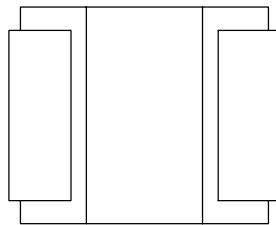
PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I _P	150*	mA
STEADY CURRENT	I _F	30	mA
POWER DISSIPATION	P _D	114	mW
OPERATING TEMP.	T _{OPR}	-40 TO +80	°C
STORAGE TEMP.	T _{STG}	-40 TO +85	°C

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 5A STANDARDS

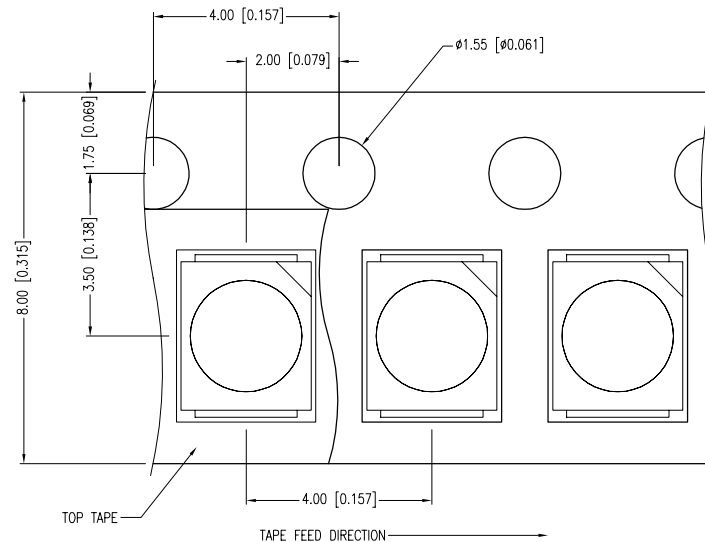
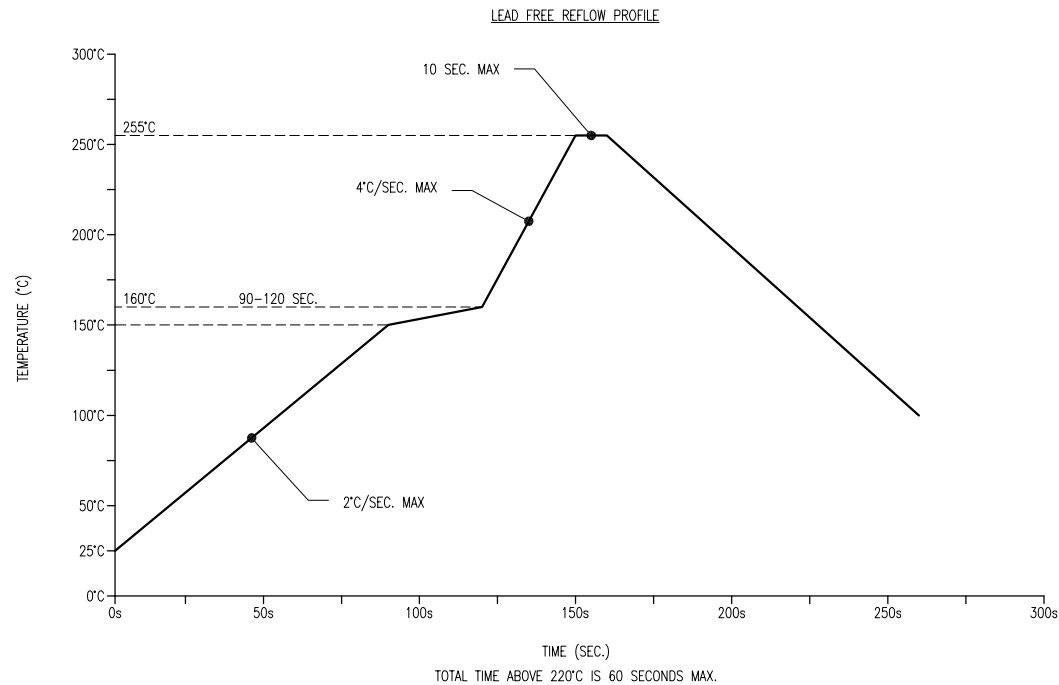
CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

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}

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NOTES:

1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

*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.= ^{+0.00}/_{-0.00} DECIMAL PRECISION MAX.= ^{+0.00}/_{-0.00} DECIMAL PRECISION

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2.8mm X 3.2mm SMT LED, WHITE, WATER CLEAR LENS, TAPE & REEL.

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

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DATE:	06.23.11	DRAWN BY:	AB
PAGE:	2 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ