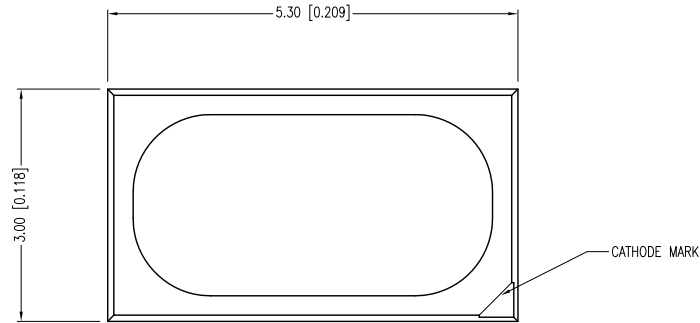
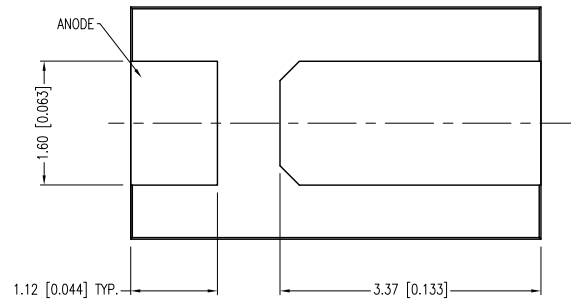
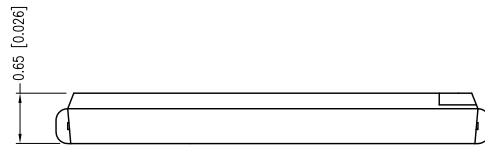
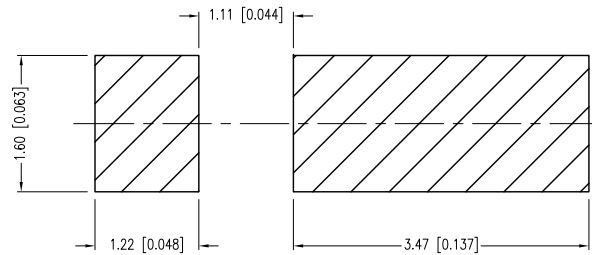




2 1



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=150mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
FORWARD VOLTAGE	2.8		3.5	Vf	If=150mA
LUMINOUS FLUX	45		65	lm	If=150mA
CHROMATICITY (X)		0.45			If=150mA
COORDINATES (Y)*		0.40			
VIEWING ANGLE		120		2x theta	
COLOR TEMP.		2700		K	
CRI	80				If=150mA
EMITTED COLOR:	WARM WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

*THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	300	mA
STEADY CURRENT	180	mA
POWER DISSIPATION	630	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +100	°C

*DUTY CYCLE 1/10 PULSE WIDTH @10ms

*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}

UNCONTROLLED DOCUMENT



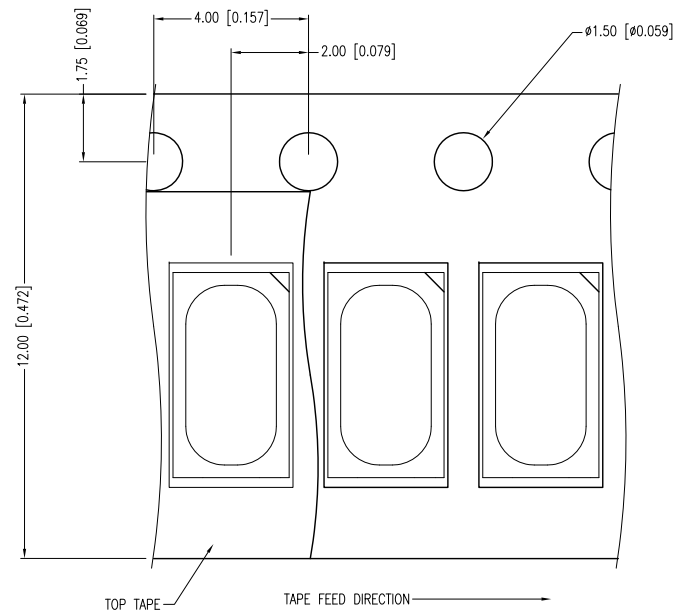
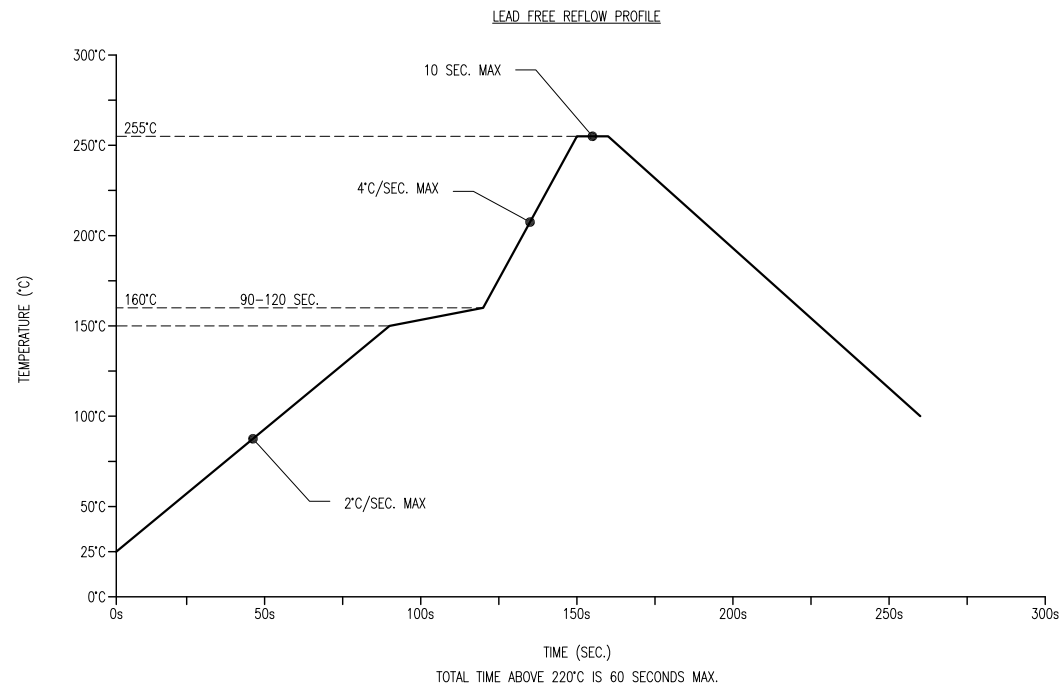
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PALATINE, IL 60067-6976
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FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

5.6mm x 3.0mm 0.5W SMD LED, WARM WHITE.

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

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DATE:	09.23.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ



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