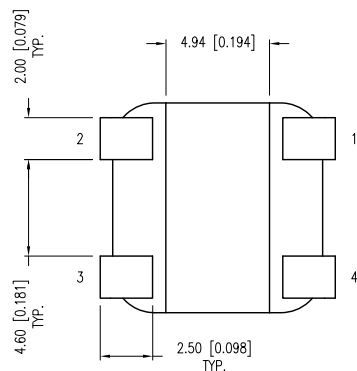
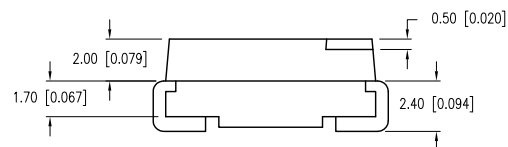
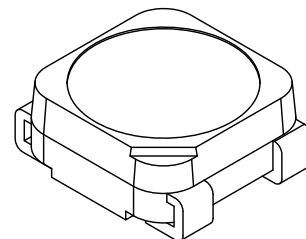
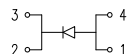
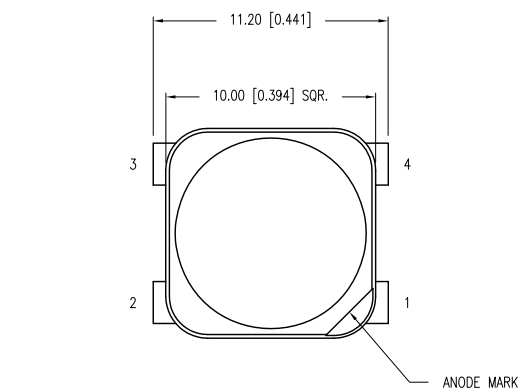
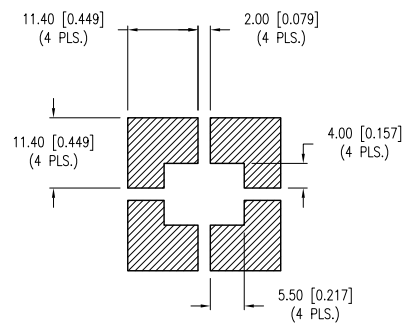


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RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=350\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE	2.7	3.3	3.8	V_f	
REVERSE VOLTAGE	5.0			V_r	
AXIAL INTENSITY		20		cd	$I_f=350\text{mA}$
LUMINOUS FLUX		42	60	lm	$I_f=350\text{mA}$
VIEWING ANGLE		120		2θ	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	500	mA
STEADY CURRENT	350	mA
POWER DISSIPATION	1.3	W
DERATE FROM 25°C	- 1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	- 40 TO + 85	$^{\circ}\text{C}$
STORAGE TEMP.	- 40 TO + 85	$^{\circ}\text{C}$

THERMAL PARAMETERS		
PARAMETER	VALUE	UNITS
MAXIMUM JUNCTION TEMPERATURE	110	$^{\circ}\text{C}$
THERMAL RESISTANCE JUNCTION-CASE	47	$^{\circ}\text{C}/\text{W}$

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 6 STANDARDS

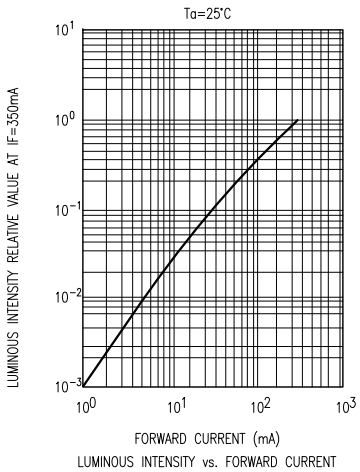
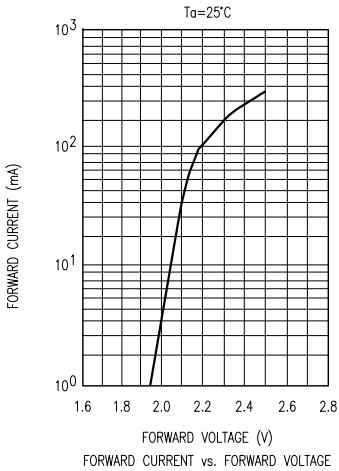
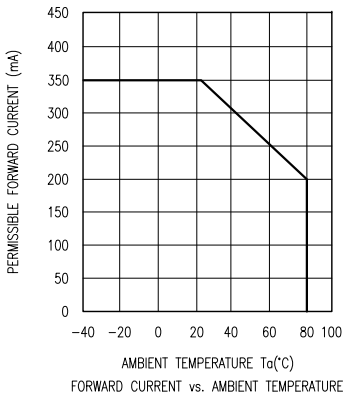
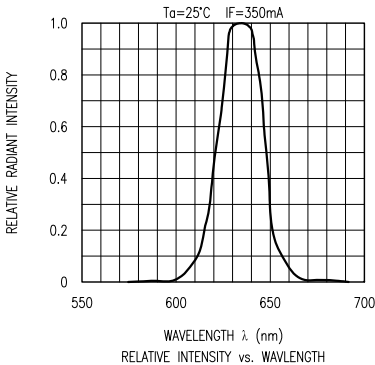
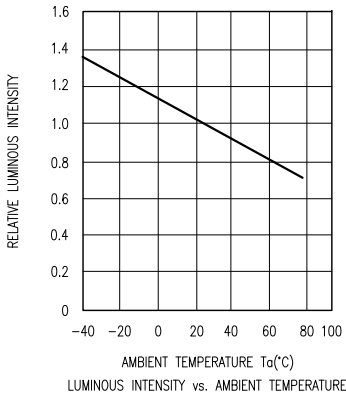
CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 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= $^{+0.000}_{-0.000}$ DECIMAL PRECISION MAX= $^{+0.000}_{-0.000}$ DECIMAL PRECISION

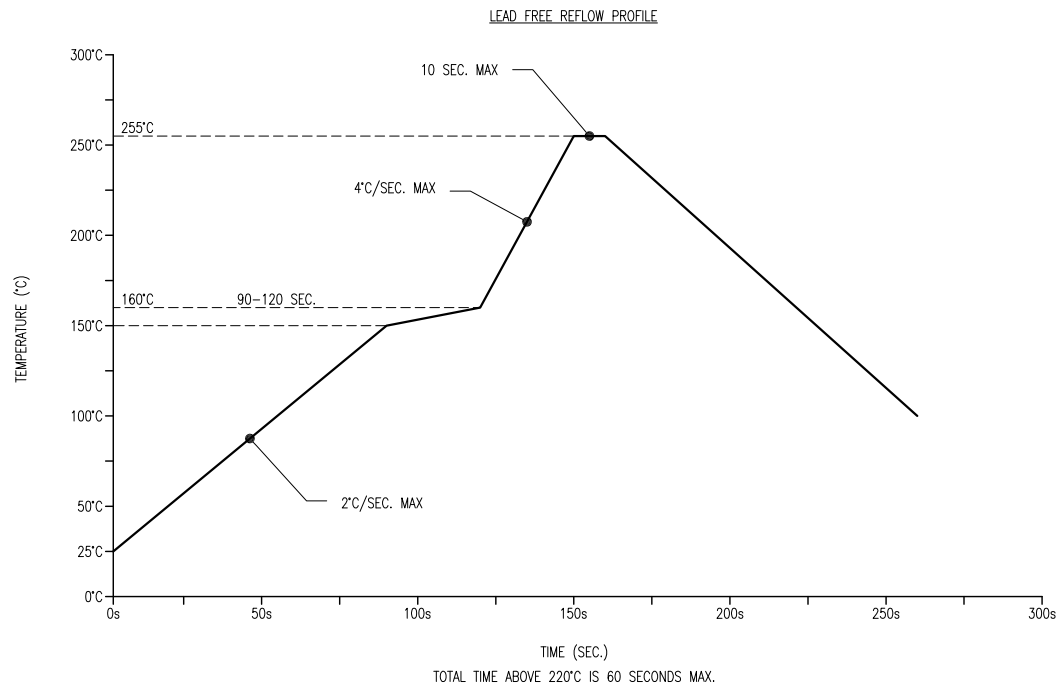
UNCONTROLLED DOCUMENT

	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	PLCC-4 SMT LED, HIGH POWER, 525nm ULTRA SUPER GREEN.		DATE: 04.05.11	DRAWN BY: AB
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 3	CHKD BY: DT
		CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: DT
				UNIT: mm [INCH]	Ⓟ

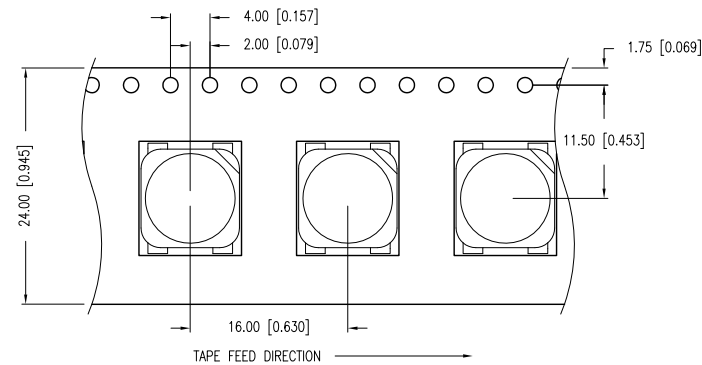
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NOTES:

1. ANODE TOWARDS THE TAPE HOLE.



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UNCONTROLLED DOCUMENT



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PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
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PLCC-4 SMT LED, HIGH POWER, 525nm ULTRA SUPER GREEN.

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UNIT:	mm [INCH]		Ⓟ

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