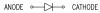
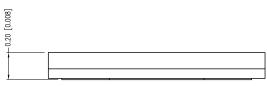
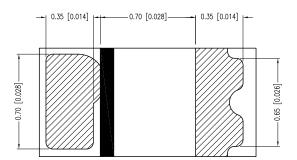
0.80 [0.031]	

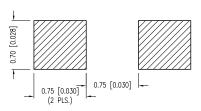


-1.60 [0.063]-





RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Tg=25°C If=5mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE	2.7	3.0	3.2	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=50µA
AXIAL INTENSITY	30		70	mcd	If=5mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	BLUE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

EINITS OF SALE OF EINTION AT 25 C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	95	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +90	•C
* t<10µS		

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

> CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 STANDARDS

*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 MAX.= +0.00 (±0.002), MIN= +0

UNCONTROLLED DOCUMENT

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790

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

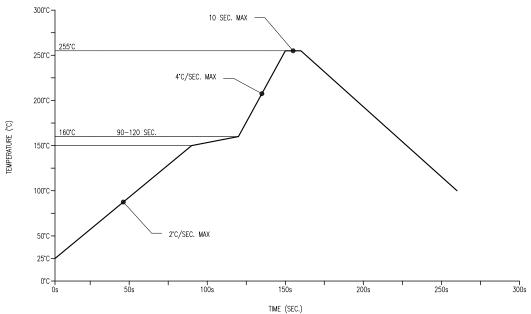
CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

1.6x0.8x0.2mm ULTRA THIN SMT LED, BLUE, WATER CLEAR LENS.

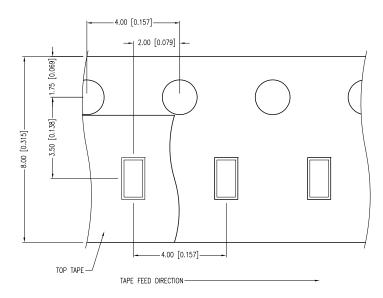
DATE: 12.06.12 DRAWN BY: MA 1 OF 2 PAGE: CHKD BY: DT SCALE: NTS APRVD BY: DT (Pg) UNIT: mm [INCH]



LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



*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= $\frac{+0.001}{-0.000}$ MAX.= $\frac{+0.001}{-0.000}$ MA UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 1.6x0.8x0.2mm ULTRA THIN SMT LED, BLUE, WATER CLEAR LENS.

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

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.

	ONOONINOLLED DOODWLIN								
	DATE:	12.06.12	DRAWN BY:	MA					
	PAGE:	2 OF 2	CHKD BY:	DT					
	SCALE:	NTS	APRVD BY:	DT					
UNIT: mm [INCH]		mm [INCH]	Pb)						