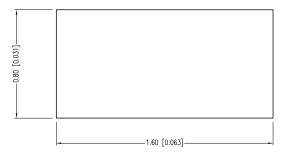
PART NUMBER

SML-LXFP0603SUGCTR

REV.



ANODE CATHODE

[0.008]		
F 0.20		
+		

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE	1.7	2.0	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=10µA
AXIAL INTENSITY	5		20	mcd	If=5mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

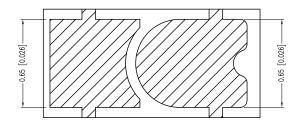
LIMITS OF SAFE OPERATION AT 25°C

LIMITS OF SALE OF LIVATION AT 25 C			
PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	60	mA	
STEADY CURRENT	25	mA	
POWER DISSIPATION	60	mW	
DERATE FROM 25°C	-1.2	mW/*C	
OPERATING TEMP.	-40 TO +85	•C	
STORAGE TEMP.	-40 TO +90	*C	
* L440 C			•

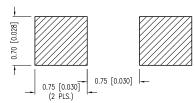
* t<10µS

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



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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.$

Creating LED and LCD Solutions Together™

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, GREEN, WATER CLEAR LENS.

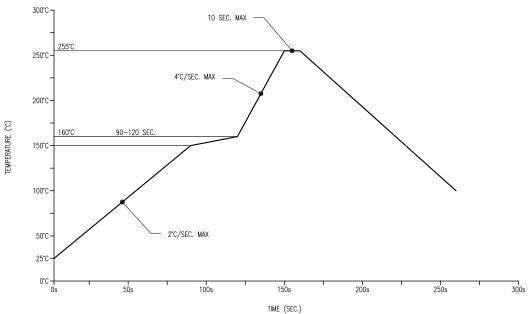
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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.

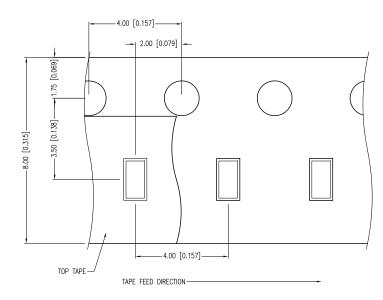
UNCONTROLLED DOCUMENT DATE: 12.06.12 DRAWN BY: MA

1 OF 2 PAGE: CHKD BY: DT SCALE: NTS APRVD BY: DT UNIT: mm [INCH] (Pb)

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= $^{+0.001}_{-0.00}$ MAX.= $^{+0.001}_{-0.000}$ MAX.= $^{+0.001}_{-0.000}$ 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 MEMBER OF ITW PHOTONICS GROUP 1.6x0.8x0.2mm ULTRA THIN SMT LED, GREEN, 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.

ON CONTINUEZZZZ ZOOMZYY					
	DATE:	12.06.12	DRAWN BY:	MA	
	PAGE:	2 OF 2	CHKD BY:	DT	
	SCALE:	NTS	APRVD BY:	DT	
	UNIT:	mm [INCH]	Pb		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

SML-LXFP0603SUGCTR