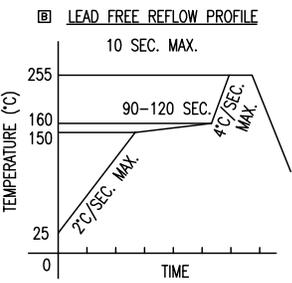
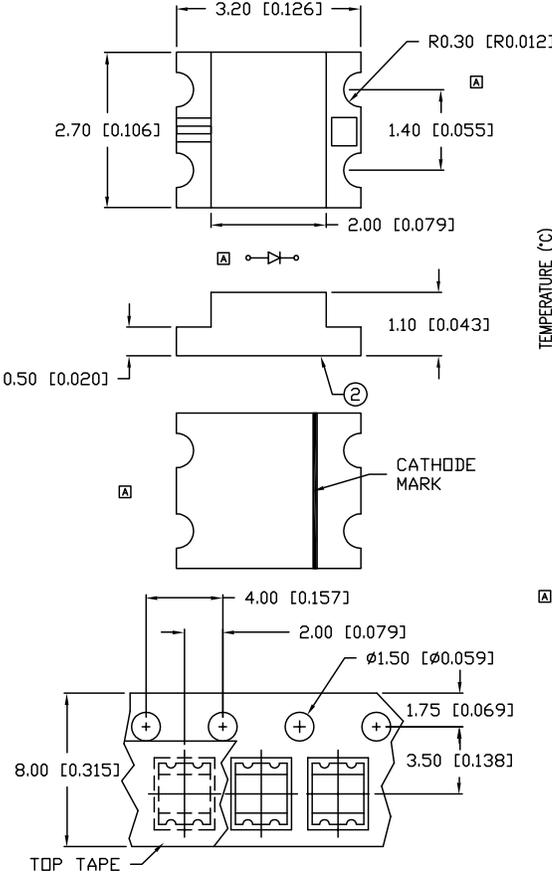


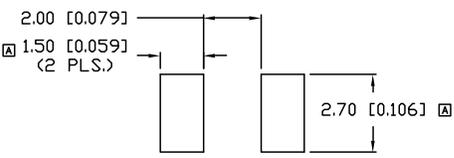
UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SML-DSP1210UPGC-TR		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11247.	5.19.05
B	E.C.N. #11148.	10.02.07



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

RECOMMENDED PAD LAYOUT



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

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C V _f =2.0V					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE	1.5	2.0	3.2	V _f	
REVERSE VOLTAGE	0.5			V _r	I _r =100µA
AXIAL INTENSITY		40		mcd	V _f =2.0V
VIEWING ANGLE		140		2x theta	
OPERATING TEMP.	-40		+85	°C	
STORAGE TEMP.	-40		+85	°C	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

NOTES:

1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
2. CATHODE MARK ON BOTTOM.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 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= -0.00 +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV. B	PART NUMBER SML-DSP1210UPGC-TR	<p>CONFIDENTIAL INFORMATION</p> <p>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.</p> <p>RELIABILITY NOTE</p> <p>OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.</p>	<p>290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw</p>
2.7mm x 3.2mm PCB SURFACE MOUNT LED, 525nm GREEN, CLEAR LENS, LOW VOLTAGE.		<p>DRAWN BY: JD</p> <p>CHECKED BY:</p> <p>APPROVED BY:</p>	<p>DATE: 5.19.05 PAGE: 1 OF 1 SCALE: N/A</p>