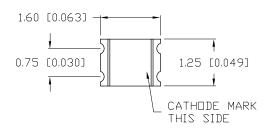
PART NUMBER

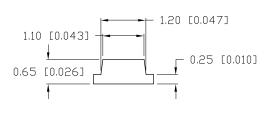
SML-LX0605SYSOGCTR

REV.

PRELIMINARY IN P/N DIR









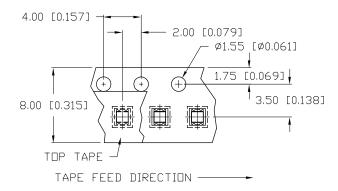
LEAD FREE REFLOW PROFILE

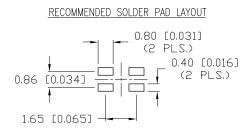
10 SEC. MAX.

255

90-120 SEC.

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA							
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND		
PEAK WAVELENGTH		590 (YELLOV	V)	nm			
524 (GREEN)			nm				
FORWARD VOLTAGE (Y/G)		2.0/2.2	2.5/2.6	Vf			
REVERSE VOLTAGE	5.0			V_r	I _r =100µA		
AXIAL INTENSITY (Y/G)		150/50		mcd	lf = 20mA		
VIEWING ANGLE		120		2x theta			
EMITTED COLOR: YELLOW/GREEN							
EPOXY LENS FINISH: WATE	R CLE	4R					

LIMITS OF SAFE OPERATION	AT 25°C		
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/G)	185/150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+ 260	.C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

NOTES:

1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.XX=±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 UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

1.6mm X 1.2mm ULTRA THIN SURFACE MOUNT LED, BICOLOR LED, WATER CLEAR LENS, TAPE & REEL

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

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	DATE:	06.25.10	DRAWN BY:	MP	
	PAGE:	1 OF 1	CHKD BY:	JD	
	SCALE:	N/A	APRVD BY:	YA	
	UNIT:	mm [INCH]	Pb		