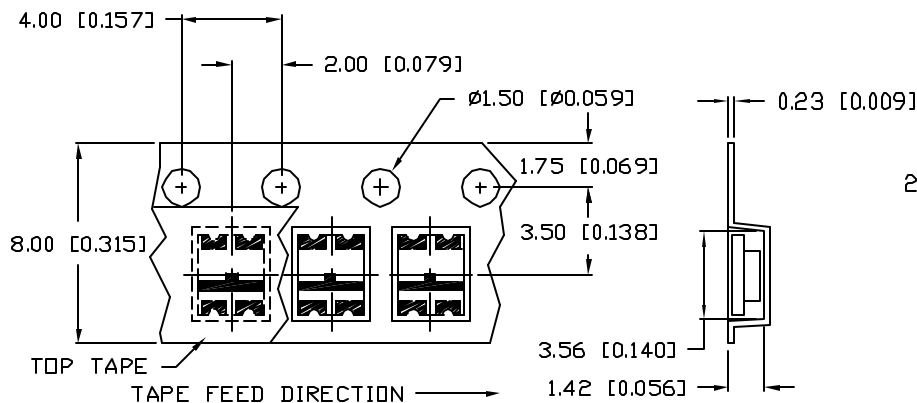
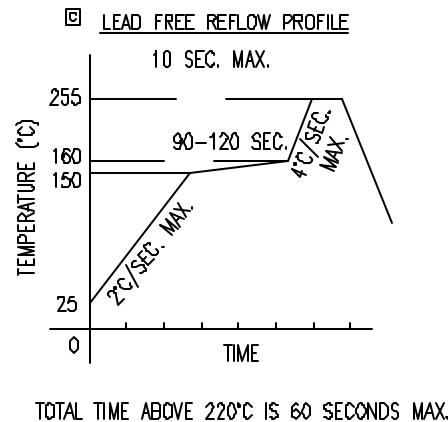
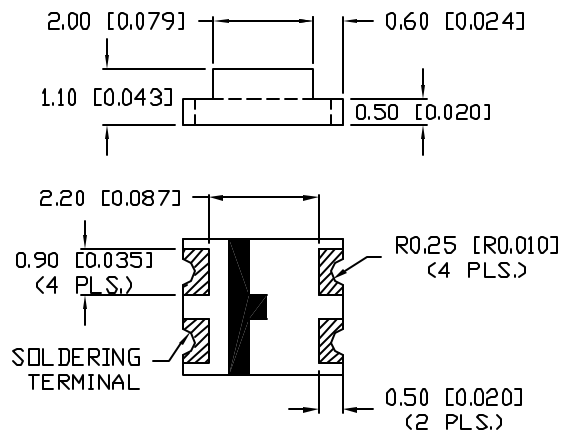
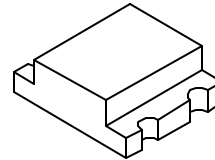
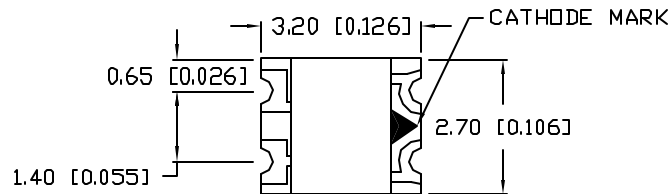
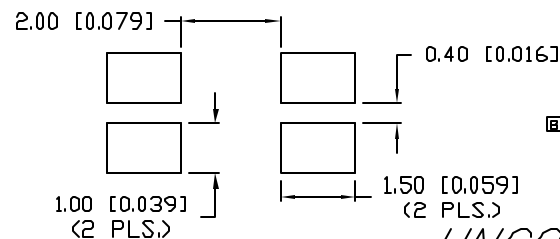


UNCONTROLLED DOCUMENT

GREEN 
 RED 



RECOMMENDED SOLDER PAD LAYOUT



NOTES:

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

CAUTION: MOISTURE SENSITIVE DEVICE
 PER JEDEC LEVEL 4 STANDARDS

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$			
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH		635 (RED)	
		565 (GREEN)	
			nm
FORWARD VOLTAGE (R/G)		2.0/2.2	2.8
			V _f
REVERSE VOLTAGE	5.0		
			V _r
AXIAL INTENSITY		10	
			mcd
VIEWING ANGLE		160	
			2x theta
EMITTED COLOR:	RED/GREEN		
EPOXY LENS FINISH:	WATER CLEAR		

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION		65	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.		-25 TO +85	°C
STORAGE TEMP.		-30 TO +85	°C

* $t < 10\mu\text{s}$

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X \pm 1$ (± 0.038), $XX \pm 0.5$ (± 0.020), $XXX \pm 0.25$ (± 0.010), $XXXX \pm 0.127$ (± 0.005). LEAD SIZE ± 0.05 (± 0.002), LEAD LENGTH ± 0.75 (± 0.030). MIN = -0.00, MAX = +0.00

REV.

C

PART NUMBER

SML-LX1210IGC-TR/R

2.7mm x 3.2mm P.C.B. SURFACE MOUNT LED,
 DUAL RED/GREEN CHIPS, WATER CLEAR LENS,
 TAPE AND REEL, REVERSE TAPING, 2,000 PIECES PER REEL.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

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.



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CHECKED BY:

APPROVED BY:

DATE: 6.27.02

PAGE: 1 OF 1

SCALE: N/A

