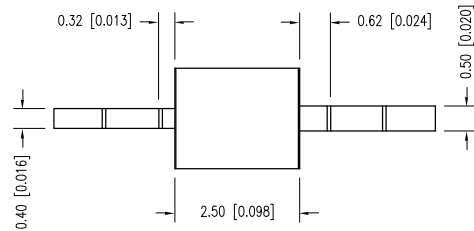
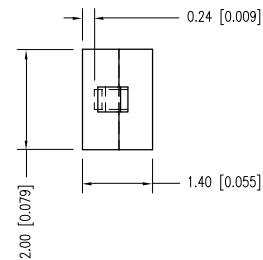


PART NUMBER	SSL-LXA1008UPGCTR21	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.09.10	E.C.N. #11628.		A

ANODE  CATHODE

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		525		nm
FORWARD VOLTAGE		3.5	4.0	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		150		mcd
VIEWING ANGLE		140		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	WATER CLEAR			

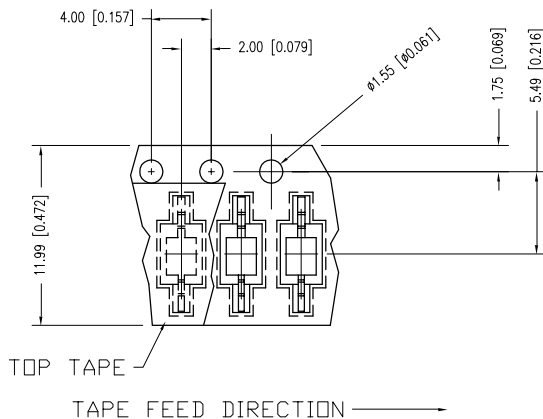
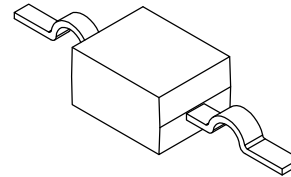
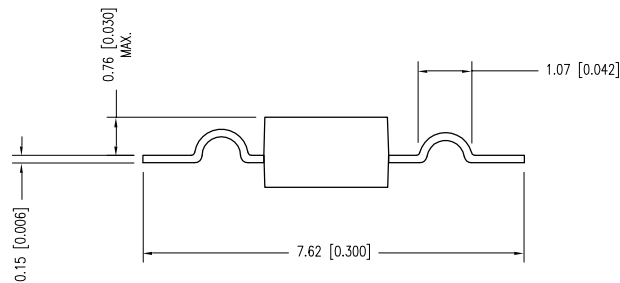
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/B)	150	mA
STEADY CURRENT (R/B)	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

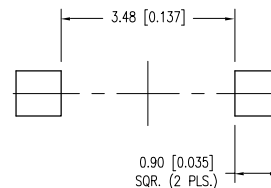
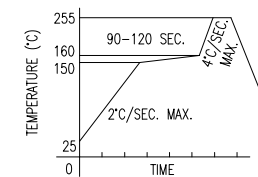
* $t < 10\mu\text{s}$

NOTES:

- [A] 1. 1,500 PIECES PER REEL.
2. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.



RECOMMENDED SOLDER PAD LAYOUT

LEAD FREE REFLOW PROFILE
10 SEC. MAX.TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X = \pm 1$ (± 0.039), $X.X = \pm 0.5$ (± 0.020), $X.XX = \pm 0.25$ (± 0.010), $X.XXX = \pm 0.127$ (± 0.005). LEAD SIZE $= \pm 0.05$ (± 0.002), LEAD LENGTH $= \pm 0.75$ (± 0.030). MIN = $\frac{+ \text{DECIMAL PRECISION}}{-0.00}$ MAX = $\frac{+0.00}{- \text{DECIMAL PRECISION}}$



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525 InGaN GREEN, WATER CLEAR LENS, SURFACE MOUNT LED, YOKE BEND AXIAL LEADS.

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

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DATE: 11.16.06	DRAWN BY: JC
PAGE: 1 OF 1	CHKD BY: JN
SCALE: N/A	APRVD BY: YA
UNIT: mm [INCH]	(R)