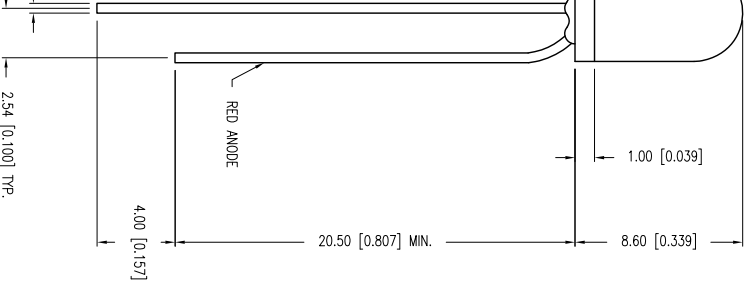
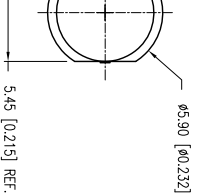


PART NUMBER

SSL-LX5099USBSIW

REV.

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ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^{\circ}\text{C}$			
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH	636 (RED)	470 (BLUE)	
FORWARD VOLTAGE (R/B)	2.0/3.5	2.5/4.0	
REVERSE VOLTAGE	5.0		
AXIAL INTENSITY (R/B)	100/80		
VIEWING ANGLE	60		
EMITTED COLOR:	RED/BLUE		
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/B)	185/150	mA
STEADY CURRENT	(R/B)	30/25	mA
POWER DISSIPATION	(R/B)	170/120	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
* I<10uS			

X=+1 (+0.039), X-X=+0.5 (+0.020), X+X=+0.25 (+0.010), XXX=+0.127 (+0.005), LEAD SIZE=+0.05 (+0.002), LEAD LENGTH=+0.75 (+0.030), MIN=-0.00
 HELEN ROAD
 E. I. L. 60067-6976
 +1.847.359.2790
 1.847.359.6538
 WWW.LUXEIX.COM

T=5mm 3 LEADED BICOLOR LED, 636nm AllInGAP RED, 470nm InGaN BLUE, MILKY WHITE DIFFUSED LENS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT

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DATE:	10.09.07	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:		APRVD BY:	SS
UNIT:	mm [INCH]		

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