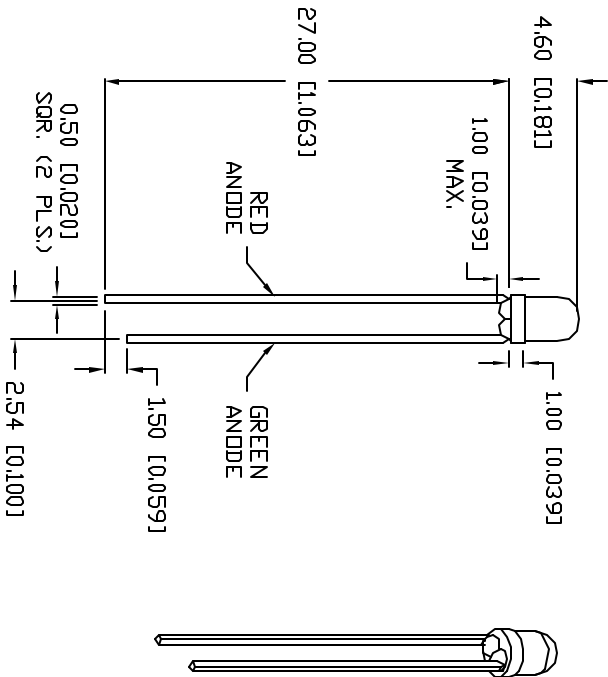
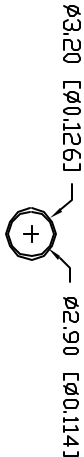


PART NUMBER			REV.
SSL-LX3044HGW			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	3.1.01	



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C					
I _F =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		566 (GREEN)		nm	
FORWARD VOLTAGE (V _F)		2.0/2.5	2.5/2.6	V _F	I _F =100μA
REVERSE VOLTAGE		5.0		V _R	I _F =20mA
AXIAL INTENSITY (R/G)		4/8		mcd	I _F =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE			

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	COLORS	MAX	UNITS	
PEAK FORWARD CURRENT*		150	mA	
STEADY CURRENT	(R/G)	25/25	mA	
POWER DISSIPATION		105	mW	
DERATE FROM 25°C		-1.6	mW/°C	
OPERATING, STORAGE TEMP.		-40 TO +85	°C	
SOLDERING TEMP.		+260	°C	
2.0mm FROM BODY			3 SEC. MAX	

* t<10μs

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), X/2=±0.5 (+0.020), X/3=±0.33 (+0.010), X/4=±0.25 (+0.010), X/5=±0.2 (+0.008), X/6=±0.17 (+0.006), X/8=±0.125 (+0.005), X/10=±0.1 (+0.004), X/12=±0.08 (+0.003), X/15=±0.06 (+0.002), X/20=±0.04 (+0.001), X/25=±0.03 (+0.001), X/30=±0.02 (+0.001), X/40=±0.015 (+0.001), X/50=±0.01 (+0.001), X/60=±0.008 (+0.001), X/80=±0.006 (+0.001), X/100=±0.005 (+0.001), X/120=±0.004 (+0.001), X/150=±0.003 (+0.001), X/200=±0.002 (+0.001), X/250=±0.0015 (+0.001), X/300=±0.001 (+0.001), X/400=±0.0008 (+0.001), X/500=±0.0006 (+0.001), X/600=±0.0005 (+0.001), X/800=±0.0004 (+0.001), X/1000=±0.0003 (+0.001), X/1200=±0.0002 (+0.001), X/1500=±0.00015 (+0.001), X/2000=±0.0001 (+0.001), X/2500=±0.00008 (+0.001), X/3000=±0.00006 (+0.001), X/4000=±0.00004 (+0.001), X/5000=±0.00003 (+0.001), X/6000=±0.00002 (+0.001), X/8000=±0.000015 (+0.001), X/10000=±0.00001 (+0.001), X/12000=±0.000008 (+0.001), X/15000=±0.000006 (+0.001), X/20000=±0.000004 (+0.001), X/25000=±0.000003 (+0.001), X/30000=±0.000002 (+0.001), X/40000=±0.0000015 (+0.001), X/50000=±0.000001 (+0.001), X/60000=±0.0000008 (+0.001), X/80000=±0.0000006 (+0.001), X/100000=±0.0000005 (+0.001), X/120000=±0.0000004 (+0.001), X/150000=±0.0000003 (+0.001), X/200000=±0.0000002 (+0.001), X/250000=±0.00000015 (+0.001), X/300000=±0.0000001 (+0.001), X/400000=±0.00000008 (+0.001), X/500000=±0.00000006 (+0.001), X/600000=±0.00000005 (+0.001), X/800000=±0.00000004 (+0.001), X/1000000=±0.00000003 (+0.001), X/1200000=±0.00000002 (+0.001), X/1500000=±0.000000015 (+0.001), X/2000000=±0.00000001 (+0.001), X/2500000=±0.000000008 (+0.001), X/3000000=±0.000000006 (+0.001), X/4000000=±0.000000004 (+0.001), X/5000000=±0.000000003 (+0.001), X/6000000=±0.000000002 (+0.001), X/8000000=±0.0000000015 (+0.001), X/10000000=±0.000000001 (+0.001), X/12000000=±0.0000000008 (+0.001), X/15000000=±0.0000000006 (+0.001), X/20000000=±0.0000000004 (+0.001), X/25000000=±0.0000000003 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