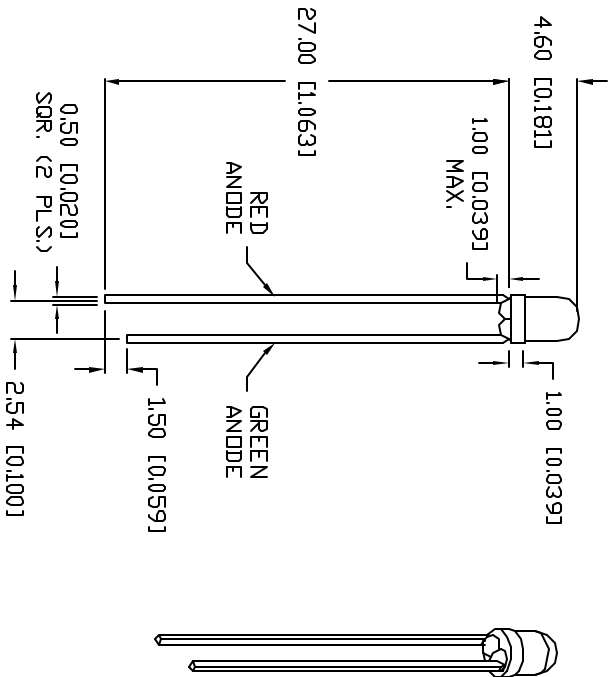
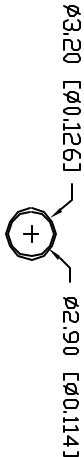


PART NUMBER			REV.
SSL-LX3044HGW			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	3.1.01	



ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		566 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.5	2.5/2.6	V _f	I _f =100μA
REVERSE VOLTAGE		5.0		V _r	
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=±0.25 (+0.010), X/XX=±0.127 (+0.005), LEAD SIZE=±0.08 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00 DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION

PART NUMBER

SSL-LX3044HGW

REV.

A

T-3mm (T-1) 700nm RED/565nm GREEN BICOLOR LED,
MILKY WHITE DIFFUSED LENS.

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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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			SCALE: N/A