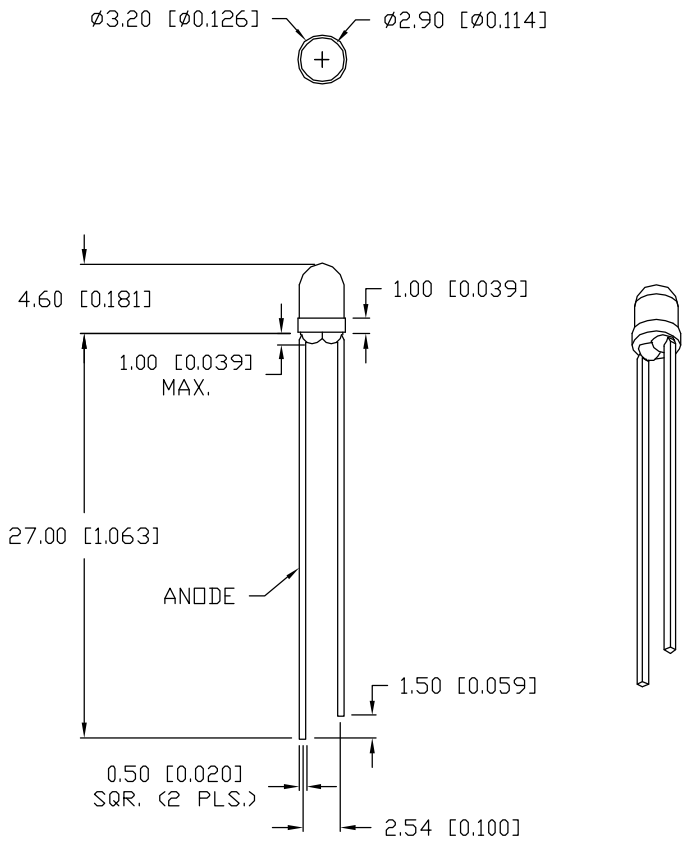
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSL-LX3044SRC/X	C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SPECS.	11.28.94
B	E.C.N. #10584.	1.17.00
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	4.10.01



NOTES:

1. PART NUMBER SUFFIX /X REPRESENTS AXIAL INTENSITY.

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

	PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
	PEAK WAVELENGTH		660		nm	
	FORWARD VOLTAGE		1.8	2.3	V_f	
	REVERSE VOLTAGE	4.0			V_r	I_r=100µA
	AXIAL INTENSITY /B	250	300		mcd	I_f=20mA
	/C	360	430		mcd	I_f=20mA
	/D	500	600		mcd	I_f=20mA
	/E	700	850		mcd	I_f=20mA
	/F	1000	1100		mcd	I_f=20mA
	/G	1200	1300		mcd	I_f=20mA
B	/H	1400	1700		mcd	I_f=20mA
B	/J	1800	2300		mcd	I_f=20mA
	VIEWING ANGLE		30		2x theta	
	EMITTED COLOR:	RED				
	EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

	PARAMETER	MAX	UNITS
A	PEAK FORWARD CURRENT*	150	mA
	STEADY CURRENT	30	mA
A	POWER DISSIPATION	100	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

REPLACES PART #: SSL-LX3044SRC(/B-/G)

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

REV.	PART NUMBER
C	SSL-LX3044SRC/X

T-3mm (T-1) 660nm SUPER RED LED,
WATER CLEAR 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.

LUMEX INC. We Tame Photons To Work For You
290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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