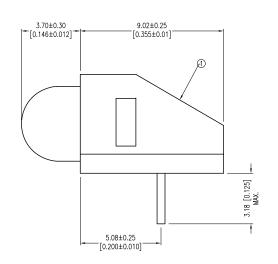
PART NUMBER	SSF-LXH104SRC (/B-/E) REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
07.29.96	E.C.N. #10207.	Α
02.18.13	E.C.N. #10BRDR. & REDRAWN.	В

Α

	6.22 [0.245] SQ.
ø4.70±0.38 [ø0.185±0.015]	
	DESIGNATES CATHODE
0.50 [SQ.(2	0.020]



ELECTRO-OPTICAL	_ CHARA	CTERISTICS 1	Ta=25°C If=20mA			
PARAMETER MIN		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			660		nm	
FORWARD VOLTAGE			1.7	2.2	Vf	
REVERSE VOLTAGE 4.0		4.0			Vr	Ir=100µA
AXIAL INTENSITY	/B		450		mcd	If=20mA
	/C	500	750		mcd	If=20mA
	/DU	1000	1150		mcd	If=20mA
	/DV	1300	1450		mcd	If=20mA
	/DW	1600	1800		mcd	If=20mA
	/E	2000	3000		mcd	If=20mA
VIEWING ANGLE			30		2x theta	
EMITTED COLOR: SUPER RED						
LENS FINISH:	W	ATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.3	mW/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY	3	SEC.
* t<10uS		

NOTES:

- 1. SSH-LXH104 HOLDER.
- 2. SSL-LX5093SRC/XX LED.
- 3. (/B-/E) DESIGNATE AXIAL INTENSITY BY LETTER CODE.

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.

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.003), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION DECIMAL PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.001), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003), MIN= $^{+DECIMAL}_{-0.00}$ PRECISION DECIMAL PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ P LINICONTROLLED DOCLIMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP T-5 (T 1-3/4) RIGHT ANGLE LED, FAULT INDICATOR, SUPER RED CLEAR.

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

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	DATE:	02.19.13	DRAWN BY:	MA	
	PAGE:	2 OF 2	CHKD BY:	KF	
	SCALE:	NTS	APRVD BY:	KF	
	UNIT:	mm [INCH]	(Pb)		