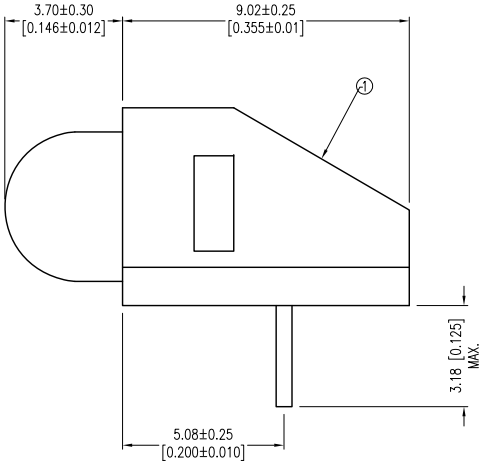
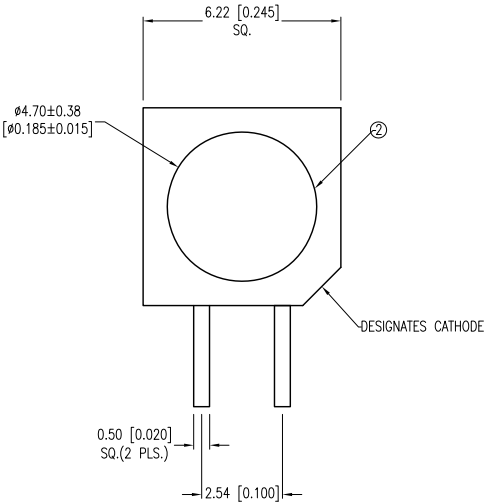


PART NUMBER	SSF-LXH104SRC (/B-/E)	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.29.96	E.C.N. #10207.		A
02.18.13	E.C.N. #10BRDR. & REDRAWN.		B

A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	4.0			Vr	Ir=100 μ A
AXIAL INTENSITY	/B	450		mcd	If=20mA
	/C	500		mcd	If=20mA
	/DU	1000		mcd	If=20mA
	/DV	1300		mcd	If=20mA
	/DW	1600		mcd	If=20mA
	/E	2000		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER RED				
LENS FINISH:	WATER 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<10 μ S

- NOTES:
- SSH-LXH104 HOLDER.
 - SSL-LX5093SRC/XX LED.
 - (/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 PRECISION MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

 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.		DATE: 02.19.13	DRAWN BY: MA
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 2 OF 2	CHKD BY: KF
	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: KF
			UNIT: mm [INCH]	Ⓟ