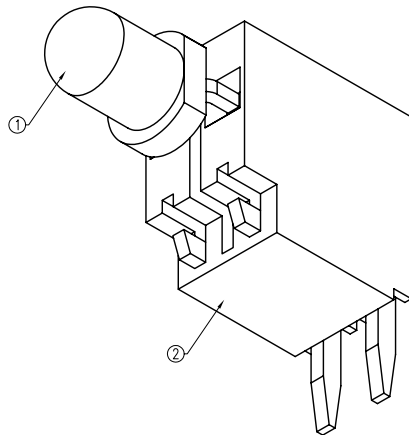
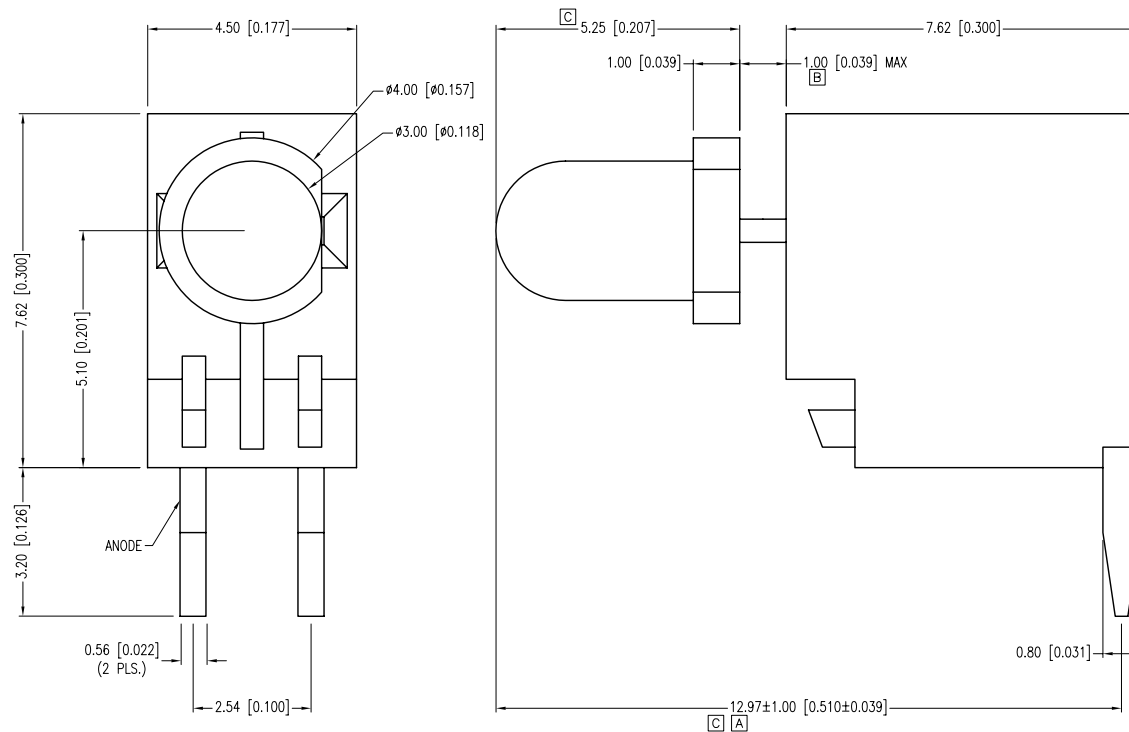


PART NUMBER	SSF-LXH4RASRD	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.05.95	CHANGED DIM. WHERE NOTED.		A
12.12.00	E.C.N. #10692.		B
10.18.11	E.C.N. #11763/10BRDR. & REDRAWN.		C



[C] ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.85	2.5	Vf	$I_r=10\mu\text{A}$
REVERSE VOLTAGE			5.0	Vr	$I_f=20\text{mA}$
AXIAL INTENSITY	120	320		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

[C] LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3	SEC.

* $t < 10\mu\text{s}$

NOTES:

1. SSL-LX3054SRD LED.
2. SSH-LXH4RA LAMP SOCKET.
3. CUT LED LEADS 5mm LONG.
4. ASSEMBLE IN SOCKET, POLARITY AS SHOWN.

*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.= $\begin{matrix} \text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX.= $\begin{matrix} \text{DECIMAL PRECISION} \\ +0.00 \end{matrix}$

UNCONTROLLED DOCUMENT

	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM		T-1 LAMP, 660nm SUPER RED FAULT INDICATOR.		DATE: 10.18.11	DRAWN BY: AB
			THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	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: SS
					UNIT: mm [INCH]	