

PART NUMBER		REV.
SSF-LXH4RACD-25592		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED DIM. WHERE NOTED.	7.20.93
B	UPDATED SPECS. & DIMS. WHERE NOTED.	7.5.93
C	UPDATED SPECS. & DIMS. WHERE NOTED.	12.12.00

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

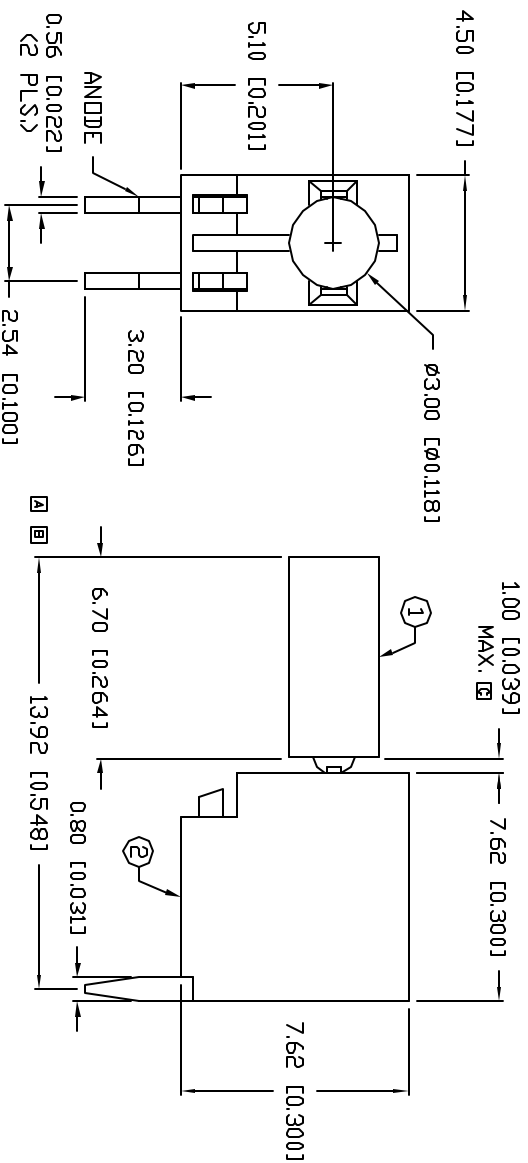
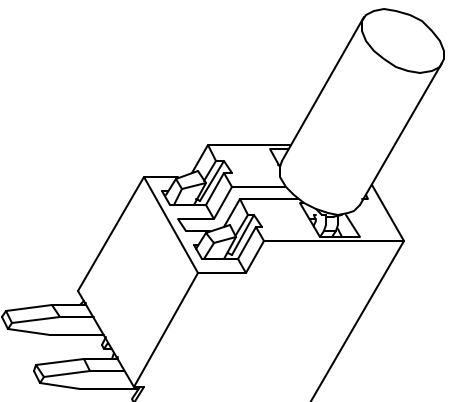
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.0	2.8	V _f	I _r =100μA
REVERSE VOLTAGE	5.0			V _r	I _f =20mA
AXIAL INTENSITY		8		mcđ	
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	GREEN				
EPDXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

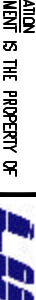
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.3	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* t<10µs		

NOTES:

1. SSL-LX30FT45D-TD LED.
2. IFS-LX4FRA-1 LAMP SOCKET.
3. CUT LED LEADS 5mm LONG.
4. ASSEMBLE IN SOCKET, POLARITY AS SHOWN.



¹UNLESS 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}.

REV.	PART NUMBER	CONFIDENTIAL INFORMATION		
C	SSF-LXH4RAGD-25592	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 PROJECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELEASING 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.		
T-1 LAMP, GREEN FAULT INDICATOR.		DRAWN BY:	CHECKED BY:	APPROVED BY:
		CT		DATE: 3.3.93 PAGE: 1 OF 1 SCALE: N/A