



PART NUMBER	SSF-LXH303LID	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.06.93	REDRAWN.		A
12.16.93	REMOVED MAX FROM DIMS.		B
10.12.94	UPDATED SAFE OPER. SPECS.		C
09.02.98	E.C.N. #10BRDR. & REDRAWN.		D
10.30.00	E.C.N. #10675.		E
04.20.12	E.C.N. #10BRDR. & REDRAWN/#11816.		F

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	Ir=100µA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY	1.0	30		mcd	If=2mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	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<10µs

- [F] [E] NOTES:**
1. SSL-LX3044LID, LOW CURRENT RED LED.
 2. SSH-LXH303, BLACK NYLON HOLDER, UL 94V-0.