

DATE	REVISIONS	REV
8-9-93	CHG'D. LEAD LENGTHS./	A
8-30-93	CHG'D. LEAD LENGTHS./	B
8-15-94	CHG'D. OPER/STOR. & SOLDER TEMPS AND STAND-OFF/	C
3-6-95	CHG'D. STANDOFF, UPDATED SPECS./	D
9-23-96	E.C.N. #10244./	E

DRAWING NUMBER
SSF-LXH340LIID

REV
E

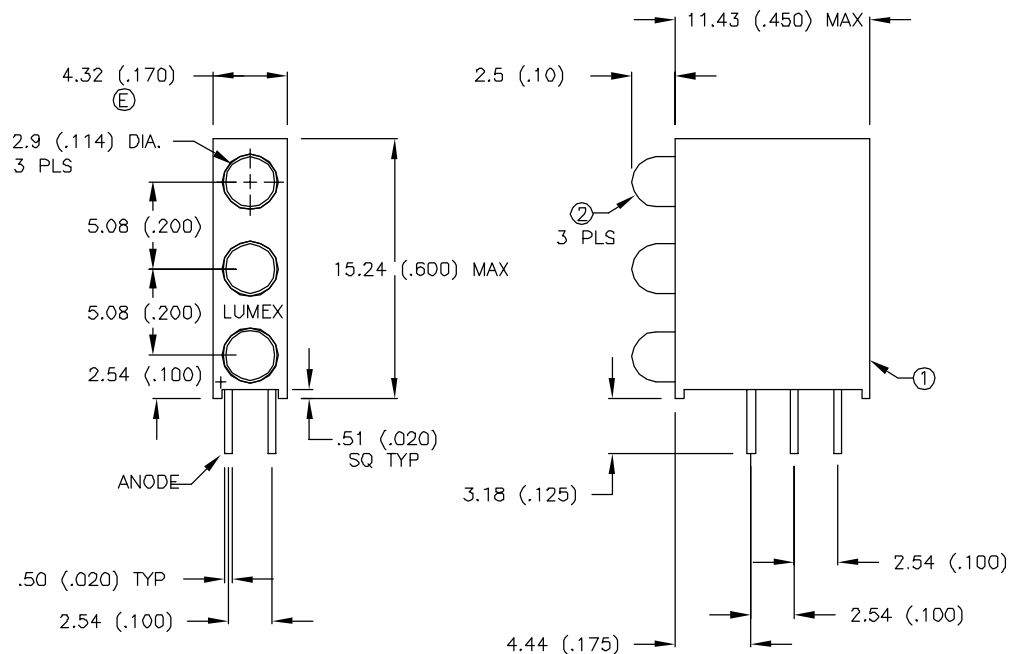
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		20		mcd	I _f =20mA
	1.5			mcd	I _f =2mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. 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, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

* t<10uS



BILL OF MATERIALS:

- SSH-LXH340 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044LID LED (3 PIECES).

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.

LUMEX
OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

CONFIDENTIAL INFORMATION
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DATE: 1-12-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
RED DIFFUSED, SPECIAL LOW CURRENT SELECTION

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