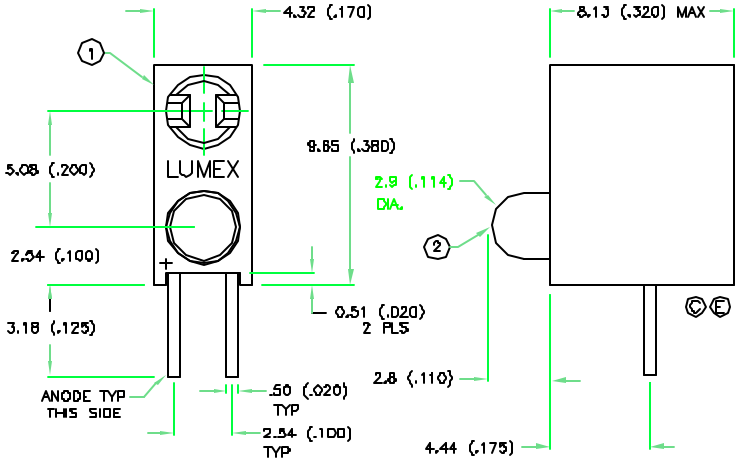
DATE	REVISIONS	REV
8-9-93	CHG'D LEAD LENGTHS/	A
8-27-93	CHG'D LEAD LENGTHS/	B
8-19-94	CHG'D HOLDER BOTTOM & SAFE OP. SPECS./	C
11-29-94	UPDATED SPECS./	D
2-9-95	CHG'D. HOLDER BOTTOM./	E
10-9-95	REF ECN 10100./	F
2-6-96	REF ECN 10104./	G

DRAWING NUMBER	REV
SSF-LXH240XID	G



ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25°C$ $I_F = 20mA$

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		15		mcd	$I_f = 20mA$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

	PARAMETER	MAX	UNITS
D	PEAK FORWARD CURRENT*	150	mA
	STEADY CURRENT	30	mA
D	POWER DISSIPATION	105	mW
	DERATE FROM 25°C	-1.6	mW/°C
C	OPERATING, STORAGE TEMP	-40 TO +85	°C
C	LEAD SOLDERING TEMP	+260	°C
C	2.0mm FROM BODY		3 SEC. MAX

* t<10uS

BILL OF MATERIALS:

1. SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.
2. SSL-LX3044ID LED.

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.
292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

CONFIDENTIAL INFORMATION
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DATE: 6-15-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR, RED DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER	REV
	SSF-LXH240XID	G