

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
2-8-95	CHG'D. HOLDER BOTTOM./	E
10-9-95	REF ECN 10100./	F
2-6-96	REF ECN 10104./	G

DRAWING NUMBER  
SSF-LXH240LIID

REV  
G

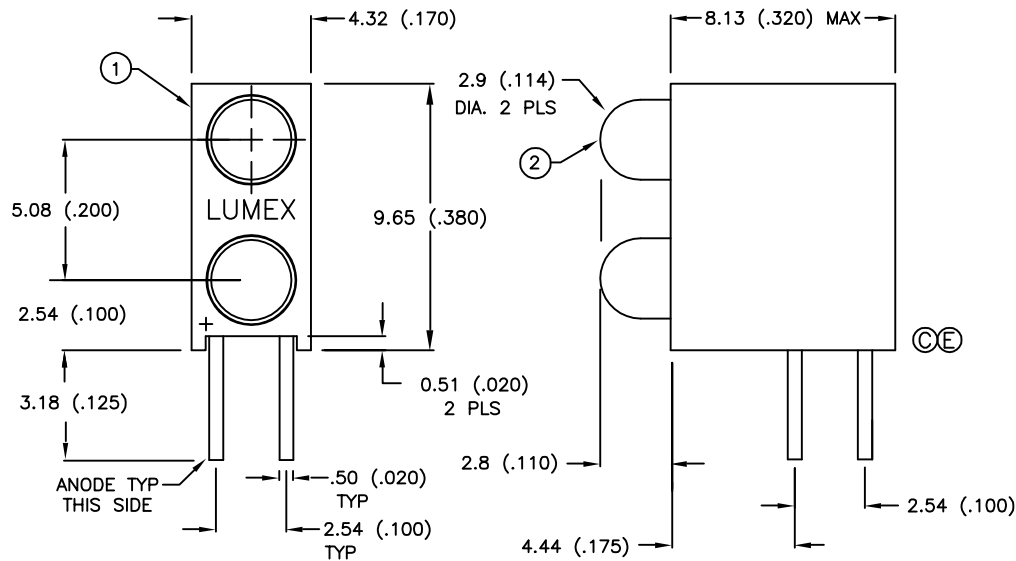
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100uA
AXIAL INTENSITY		15		mcd	I <sub>f</sub> =20mA
		1.0		mcd	I <sub>f</sub> =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<10μs



BILL OF MATERIALS:

- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044LID LED (2 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.

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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

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH240LIID	REV G
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