

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
2-6-95	CHG'D. HOLDER BOTTOM./	E
10-9-95	REF ECN 10100./	F
2-12-96	REF ECN 10104./	G

DRAWING NUMBER
SSF-LXH240GYD

REV
G

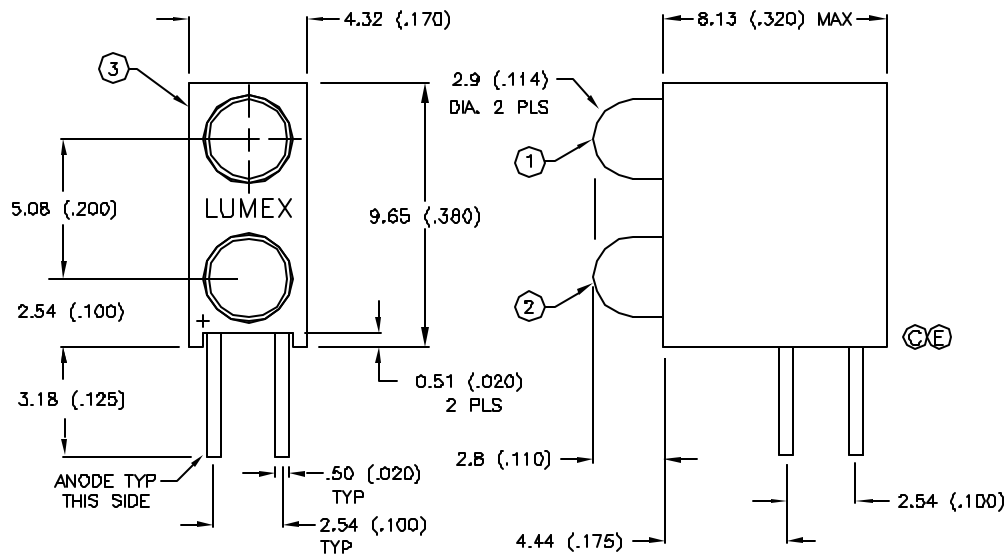
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		585 (YELLOW)		nm	
FORWARD VOLTAGE (G/Y)		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY (G/Y)		15		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR :	POS. 1 - GREEN		POS. 2 - YELLOW		
EPOXY LENS FINISH:	POS. 1 - GREEN DIFFUSED		POS. 2 - YELLOW DIFFUSED		

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
① PEAK FORWARD CURRENT (G/Y)*	150/150	mA
① STEADY CURRENT (G/Y)	25/30	mA
① POWER DISSIPATION (G/Y)	105/105	mW
DERATE FROM 25 °C	-1.6	mW/ ° C
③ OPERATING, STORAGE TEMP.	-40 TO +85	° C
③ LEAD SOLDERING TEMP.	+260	° C
③ 2.0mm FROM BODY		3 SEC. MAX

* t<10μs



BILL OF MATERIALS:

- SSL-LX3044GD LED.
- SSL-LX3044YD LED.
- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.

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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CONFIDENTIAL INFORMATION

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DATE: 2-2-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
GREEN/YELLOW DIFFUSED

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