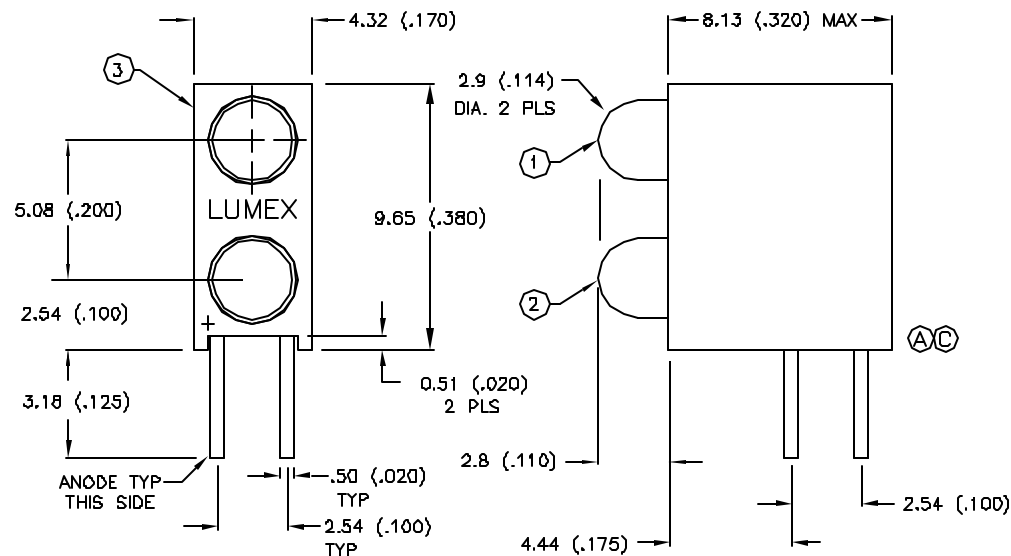


DATE	REVISIONS	REV
8-16-94	CHG'D. HOLDER BOTTOM, & SAFE OP. SPECS./	A
11-29-94	UPDATED SPECS./	B
2-6-95	CHG'D. HOLDER BOTTOM./	C
10-5-95	REF ECN 10100./	D
2-6-96	REF ECN 10104./	E



BILL OF MATERIALS:

- SSL-LX3044LGD LED.
- SSL-LX3044LYD 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.

UNCONTROLLED DOCUMENT

DRAWING NUMBER
SSF-LXH240LGYD

REV
E

UNCONTROLLED DOCUMENT

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
		1.5		mcd	I _f =2mA
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
(B) PEAK FORWARD CURRENT (G/Y)*	150/150	mA
(B) STEADY CURRENT (G/Y)	25/30	mA
(B) POWER DISSIPATION (G/Y)	105/105	mW
DERATE FROM 25 °C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
(A) LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μs

LUMEX
OPTO COMPONENTS INC.

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE: 5-11-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
GREEN/YELLOW DIFFUSED, SPECIAL LOW CURRENT SELECTION

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH240LGYD	REV E
-------------	----------------------------------	----------