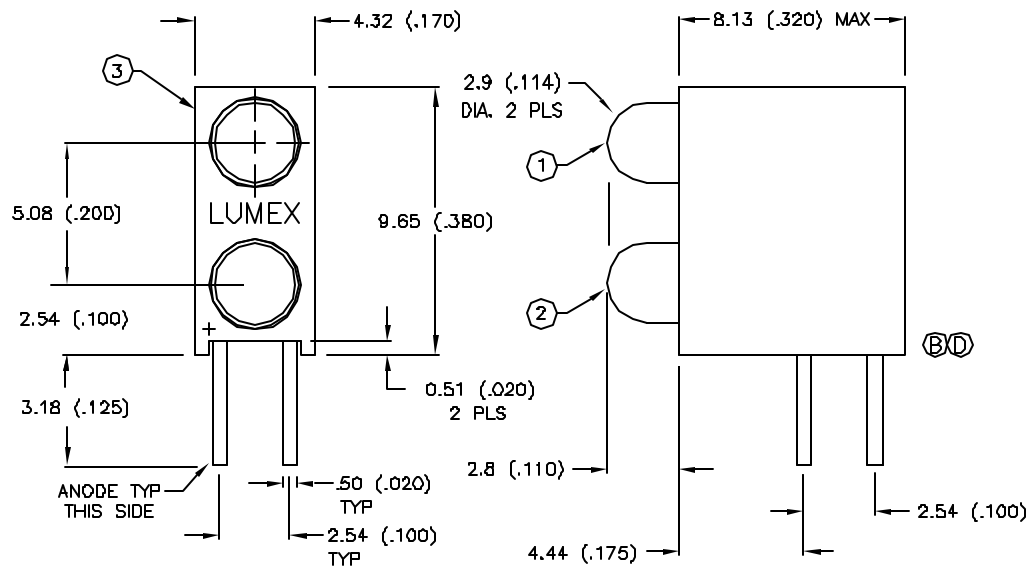


DATE	REVISIONS	REV
8-30-93	CHG'D LEAD LENGTHS/	A
8-16-94	CHG'D HOLDER BOTTOM & SAFE OP. SPECS./	B
11-29-94	UPDATED SPECS./	C
2-6-95	CHG'D. HOLDER BOTTOM./	D
10-5-95	REF ECN 10100./	E
2-12-96	REF ECN 10104./	F

DRAWING NUMBER SSF-LXH240YID	REV F
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ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

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



LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
Ⓒ PEAK FORWARD CURRENT (Y/R)*	150/150	mA
STEADY CURRENT (Y/R)	30/30	mA
Ⓒ POWER DISSIPATION (Y/R)	105/105	mW
DERATE FROM 25 °C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+250	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μs

BILL OF MATERIALS:

- SSL-LX3044YD LED.
- SSL-LX3044ID 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.

CK/MS

LUMEX OPTO COMPONENTS INC.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
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DATE: 8-6-93	DWN:	CHK'D:	APPD:
SCALE: N/A			
T-3mm LED, RIGHT ANGLE FAULT INDICATOR, YELLOW/RED DIFFUSED			
PAGE 1 OF 1	DRAWING NUMBER SSF-LXH240YID		REV F