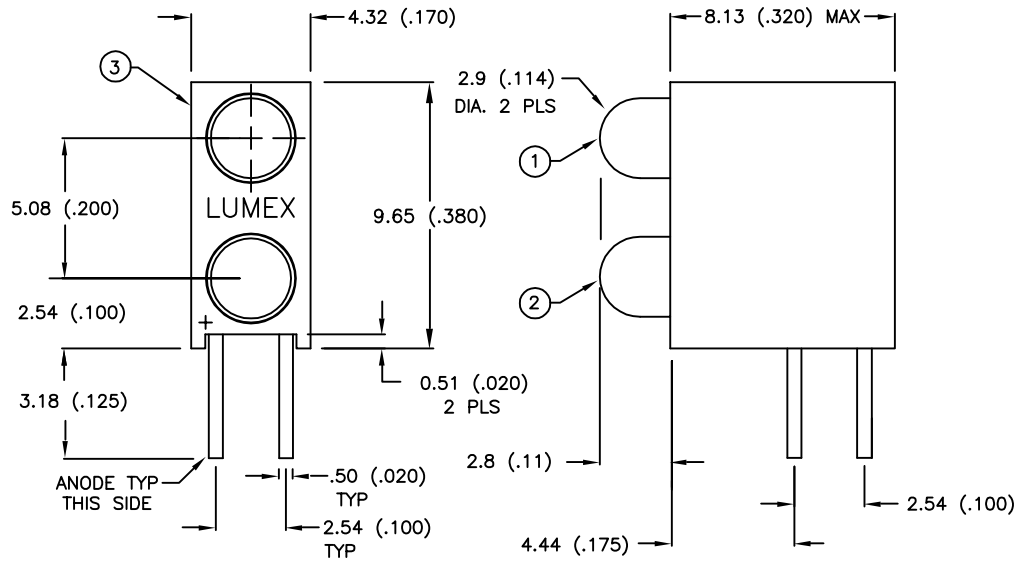


DATE	REVISIONS	REV
2-7-96	E.C.N. #10104./	A

DRAWING NUMBER	REV
SSF-LXH240LGD	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN) 635 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (G/R)		15		mcd	$I_f=20\text{mA}$
		1.0		mcd	$I_f=2\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	POS.1 GREEN	-	POS.2 RED		
EPOXY LENS FINISH	POS.1 GREEN DIFFUSED	-	POS.2 RED DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C

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

* $t_c < 10\mu\text{s}$

BILL OF MATERIALS:

1. SSL-LX3044LGD LED.
2. SSL-LX3044LID LED.
3. 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.		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
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DATE:	10-2-95	DWN:	CHK'D:
SCALE:	N/A		APPD:
T-3mm LED, RIGHT ANGLE FAULT INDICATOR, GREEN/RED DIFFUSED, LOW CURRENT			
PAGE	1 OF 1	DRAWING NUMBER	REV
		SSF-LXH240LGD	A