

DATE	REVISIONS	REV
11-10-95	CHN'G LEAD LENGTH, UPDATED TOLERANCES./	A
2-8-96	E.C.N. #10104./	B
2-27-96	E.C.N. #10127./	C
5-20-96	E.C.N. #10170./	D
1-9-98	E.C.N. #10BRDR & #10405./	E

DRAWING NUMBER	REV
SSF-LXH240YGYGWDEC	E

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE(Y/G)		2.1/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

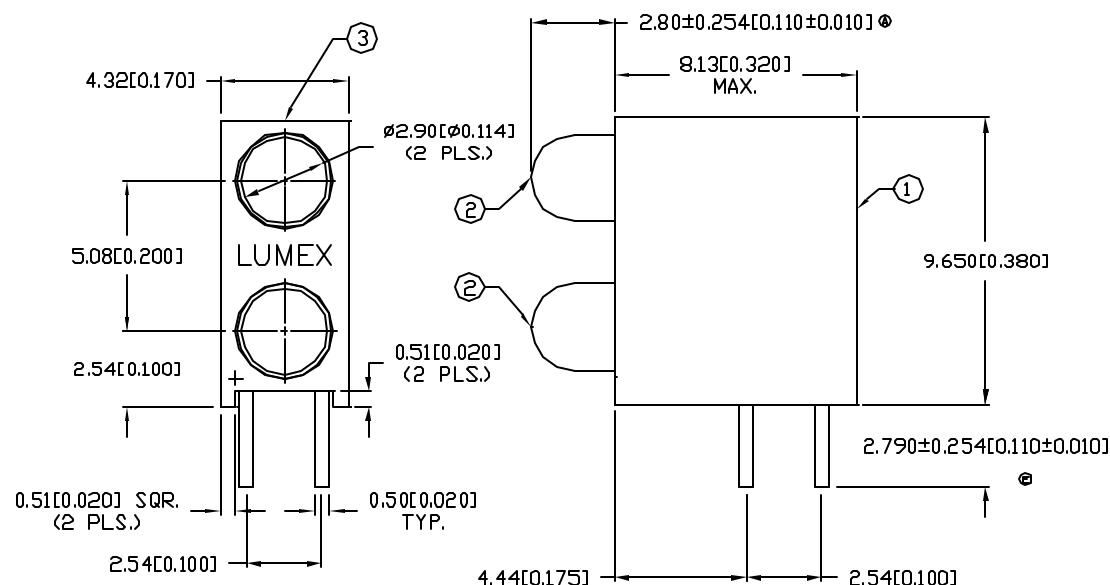
LIMITS OF SAFE OPERATION AT 25°C

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

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

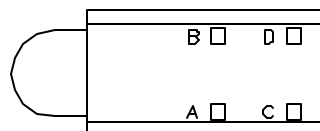
RELIABILITY NOTE

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.



PIN-OUT

- A. BICOLOR LED - YELLOW ANODE
- B. BICOLOR LED - GREEN ANODE
- C. BICOLOR LED - YELLOW ANODE
- D. BICOLOR LED - GREEN ANODE



NOTES:

- SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YGW LED. (2 PCS.)
- PART #38650-01 INK MARKED ON TOP SURFACE.

UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.381\text{mm}$ ($\pm 0.015"$)

82/24

LUMEX
INCORPORATED

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DATE: 11-6-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
BICOLOR YELLOW/GREEN, MILKY WHITE DIFFUSED.

PAGE 1 OF 1	DRAWING NUMBER	REV
	SSF-LXH240YGYGWDEC	E