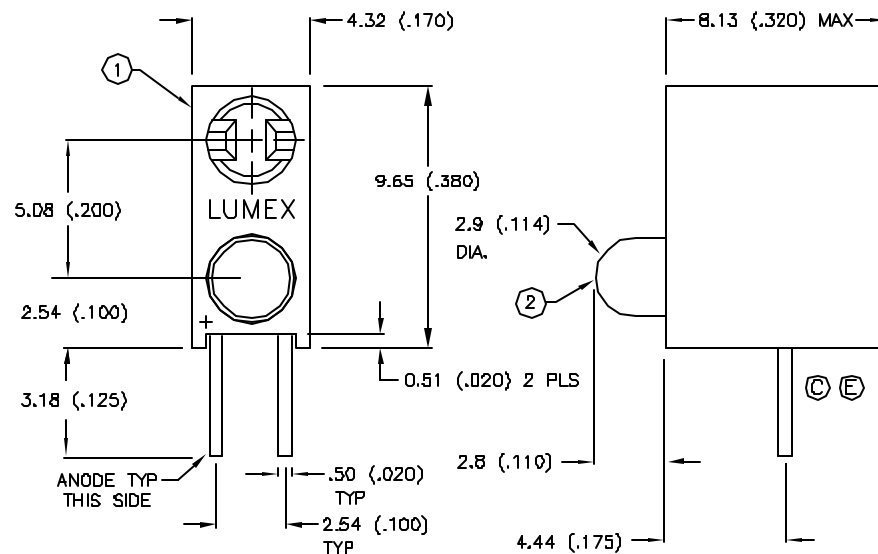


DATE	REVISIONS	REV
8-9-93	CHG'D LEAD LENGTHS/	A
8-27-93	CHG'D LEAD LENGTHS/	B
8-19-94	CHG'D HOLDER BOTTOM & SAFE OP. SPECS./	C
11-29-94	UPDATED SPECS./	D
2-9-95	CHG'D. HOLDER BOTTOM./	E
10-5-95	REF ECN 10100./	F
2-6-96	REF ECN 10104./	G



BILL OF MATERIALS:

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

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.

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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)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
① PEAK FORWARD CURRENT*	150	mA
① STEADY CURRENT	25	mA
① POWER DISSIPATION	105	mW
① DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
② OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
③ LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
③ 2.0mm FROM BODY	3 SEC. MAX	

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

LUMEX
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DATE: 6-15-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

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

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