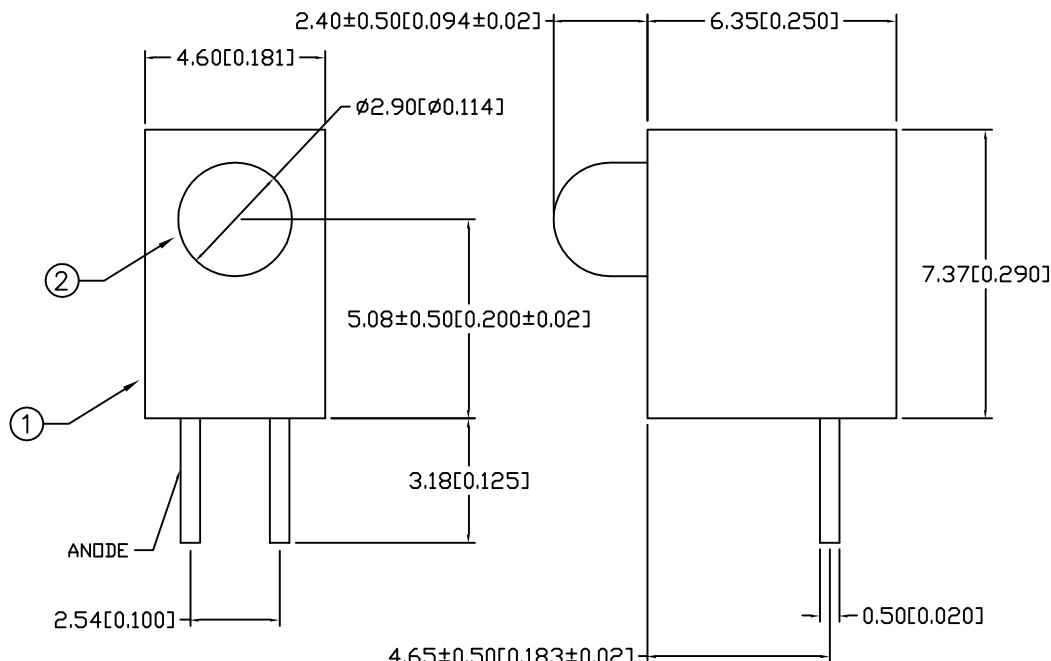


DATE	REVISIONS	REV
9-21-93	REDRAWN./	A
10-2-93	CHG'D LEAD LENGTH./	B
12-18-96	E.C.N. #10285./	C
1-21-97	E.C.N. #10295./	D
2-3-97	E.C.N. #10304./	E



NOTES

1. SSH-LXH103 HOLDER.
2. SSL-LX3044LGD LED.

DRAWING NUMBER
SSF-LXH103LGD

REV
E

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		2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\text{uA}$
AXIAL INTENSITY		15		mcd	$I_f = 20\text{mA}$
	1.0			mcd	$I_f = 2\text{ mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	GREEN	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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

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

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.

LUMEX
OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 8-1-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3 (T-1) RIGHT ANGLE FAULT INDICATOR,
LOW CURRENT, GREEN DIFFUSED

MS/CK

PAGE 1 OF 1 DRAWING NUMBER
SSF-LXH103LGD REV E