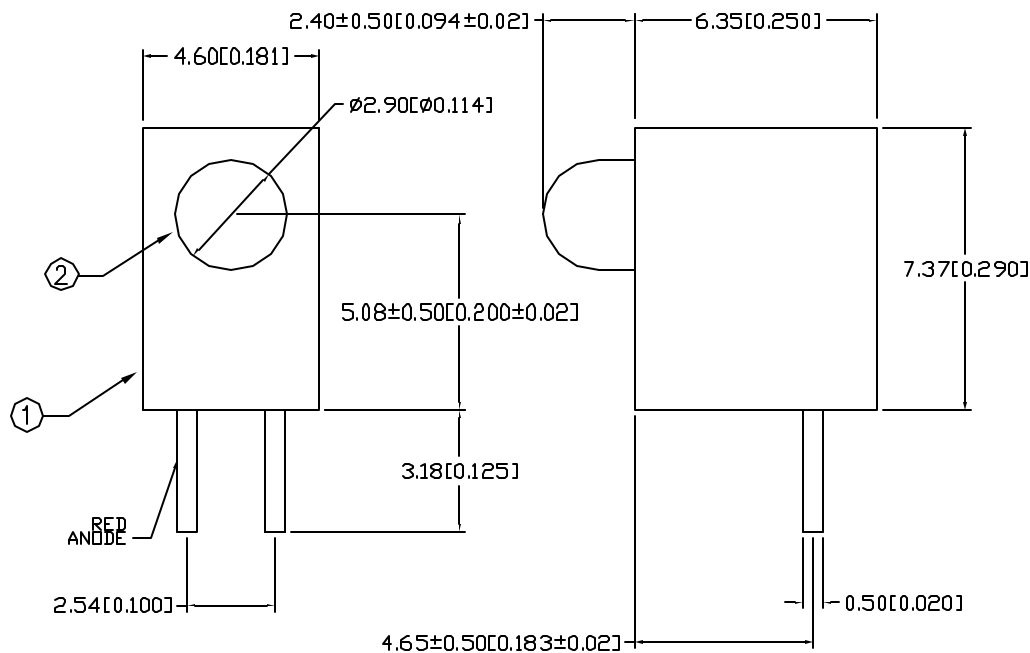


DATE	REVISIONS	REV
12-18-96	E.C.N. #10285./	A
1-21-97	E.C.N. #10295./	B
2-3-97	E.C.N. #10304./	C

UNCONTROLLED DOCUMENT



NOTES

- SSH-LXH103 HOLDER.
- SSL-LX3044IGW LED.

UNCONTROLLED DOCUMENT

DRAWING NUMBER
SSF-LXH103IGW

REV
C

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0	2.5	V_f	$I_f = 100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f = 20\text{mA}$
AXIAL INTENSITY (R/G)		4/B		mod	
VIEWING ANGLE		100		2x theta	
EMITTED COLOR		RED/GREEN			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(R/G)	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	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: 4-13-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3 (T-1) RIGHT ANGLE FAULT INDICATOR,
RED/GREEN BICOLOR, DIFFUSED LENS

PAGE 1 OF 1

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