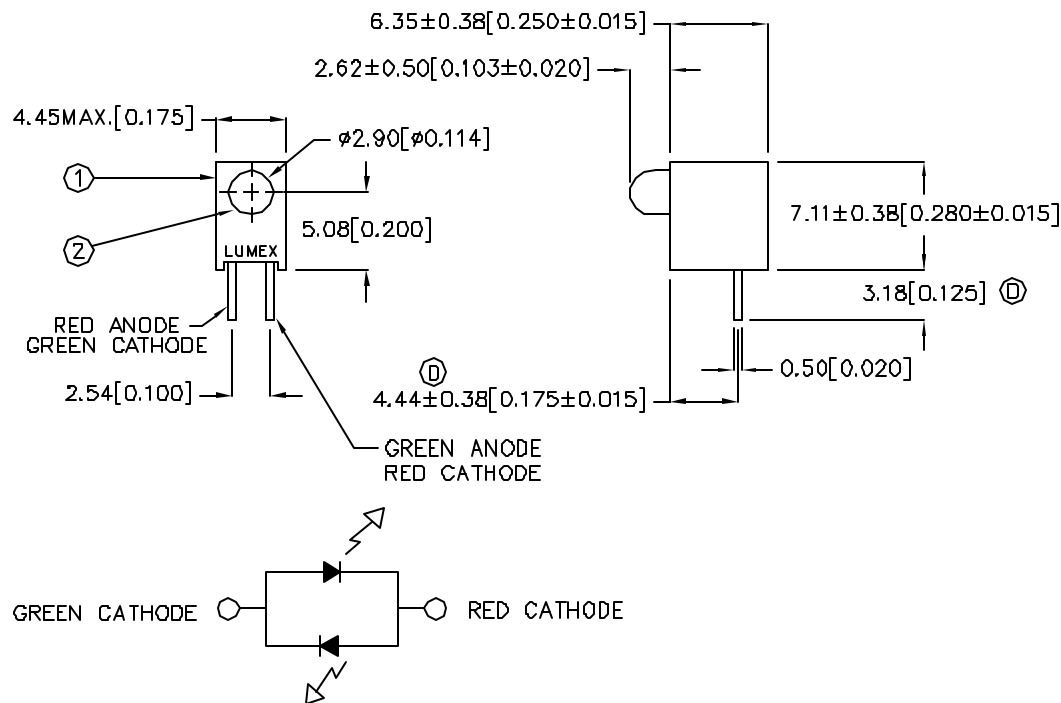


DATE	REVISIONS	REV
6-3-96	E.C.N. #10179./	A
8-26-96	E.C.N. #10229./	B
9-6-96	E.C.N. #10237./	C
11-4-96	E.C.N. #10266./	D

DRAWING NUMBER
SSF-LXH106IGW-ED

REV
D



NOTES

- SSH-LXH106
- SSL-LX3044IGW-ED

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.

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		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY	(RED) (GREEN)	12.0 10.0		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		100		2x theta	$I_f = 20\text{mA}$
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	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

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

LUMEX
OPTO COMPONENTS INC.

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PALATINE, ILLINOIS 60067
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DATE: 5-29-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR, BICOLOR,
RED/GREEN - WITH EXTRA DIFFUSION

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH106IGW-ED	REV D
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