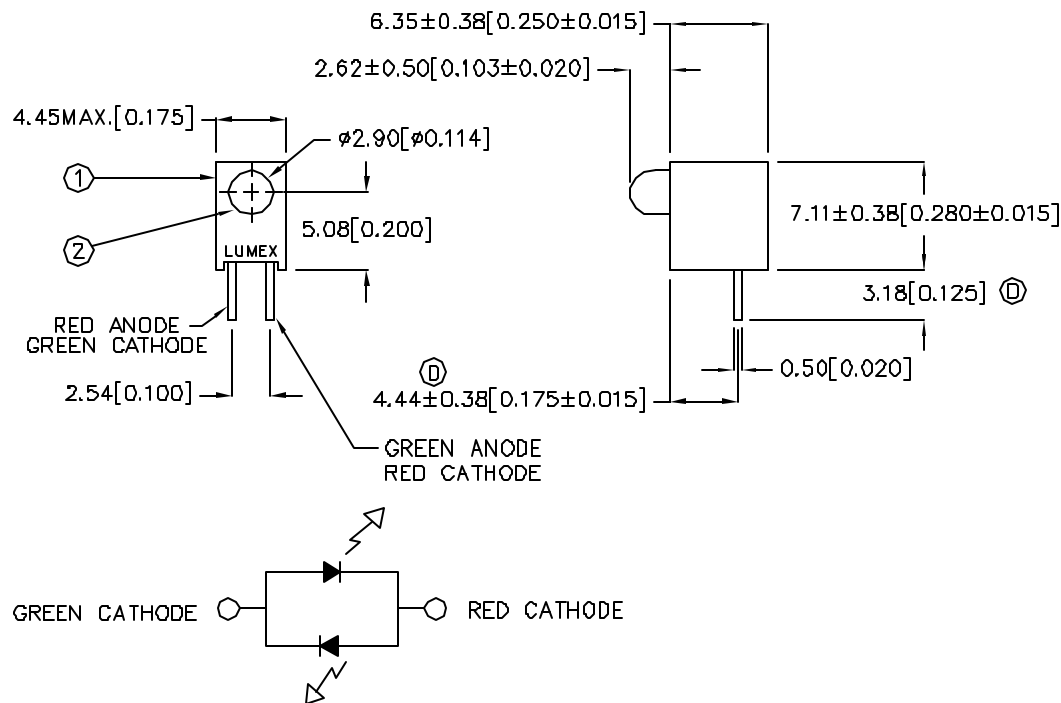


DATE	REVISIONS	REV
6-3-96	E.C.N. #10179./	A
8-26-96	E.C.N. #10229./	B
9-6-96	E.C.N. #10237./	C
11-4-96	E.C.N. #10266./	D

DRAWING NUMBER  
SSF-LXH106IGW-ED

REV  
D



#### NOTES

1. SSH-LXH106
2. 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			$V_r$	$I_f = 100\mu\text{A}$
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  $25^\circ\text{C}$

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 $25^\circ\text{C}$	-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.

292 E. HELLEN ROAD  
PALATINE, ILLINOIS 60067  
(708) 359-2790

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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
-------------	------------------------------------	----------

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSF-LXH106IGW-ED](#)