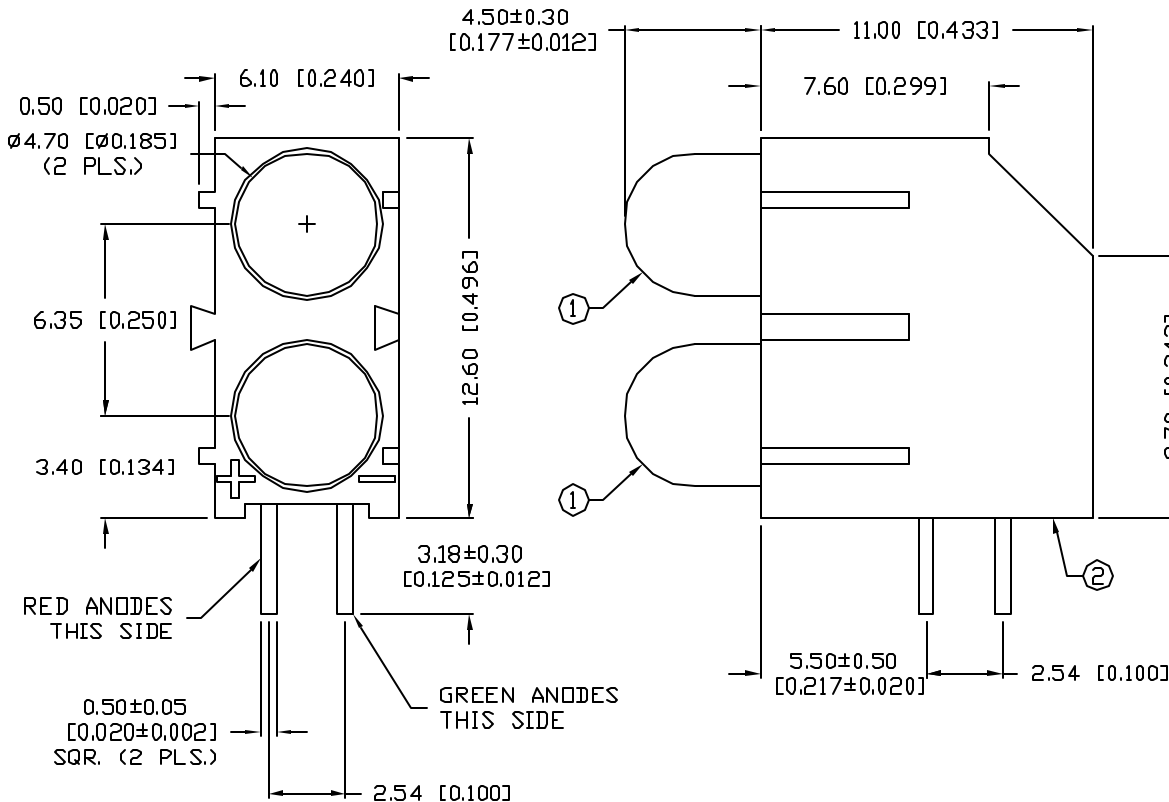


UNCONTROLLED DOCUMENT



NOTES:

1. SSL-LX509F3KGW, RED/GREEN BICOLOR LED. (2 PCS.)
2. SSH-LXHM250, BLACK HOLDER.

PART NUMBER
SSF-LXHM250IGIGW

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED LEAD LENGTH.	10-18-93
B	E.C.N. #10305.	2-5-97
C	E.C.N. #10333.	4-17-97
D	E.C.N. #10500 & #10BRDR. & REDRAWN.	4-7-99

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)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		30/25		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	POSITION 1-RED/GREEN POSITION 2-RED/GREEN				
EPOXY LENS FINISH:	POSITION 1-MILKY WHITE DIFFUSED POSITION 2-MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

REV.
D

PART NUMBER
SSF-LXHM250IGIGW

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX 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.

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
INCORPORATED

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
PHONE: 1-847-359-2790
WEB: [HTTP://WWW.LUMEX.COM](http://WWW.LUMEX.COM)

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 7-6-93
BC			PAGE: 1 OF 1
			SCALE: N/A

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR,
TWO 635nm RED/565nm GREEN BICOLOR LEDS,
MILKY WHITE DIFFUSED LENS.