

UNCONTROLLED DOCUMENT

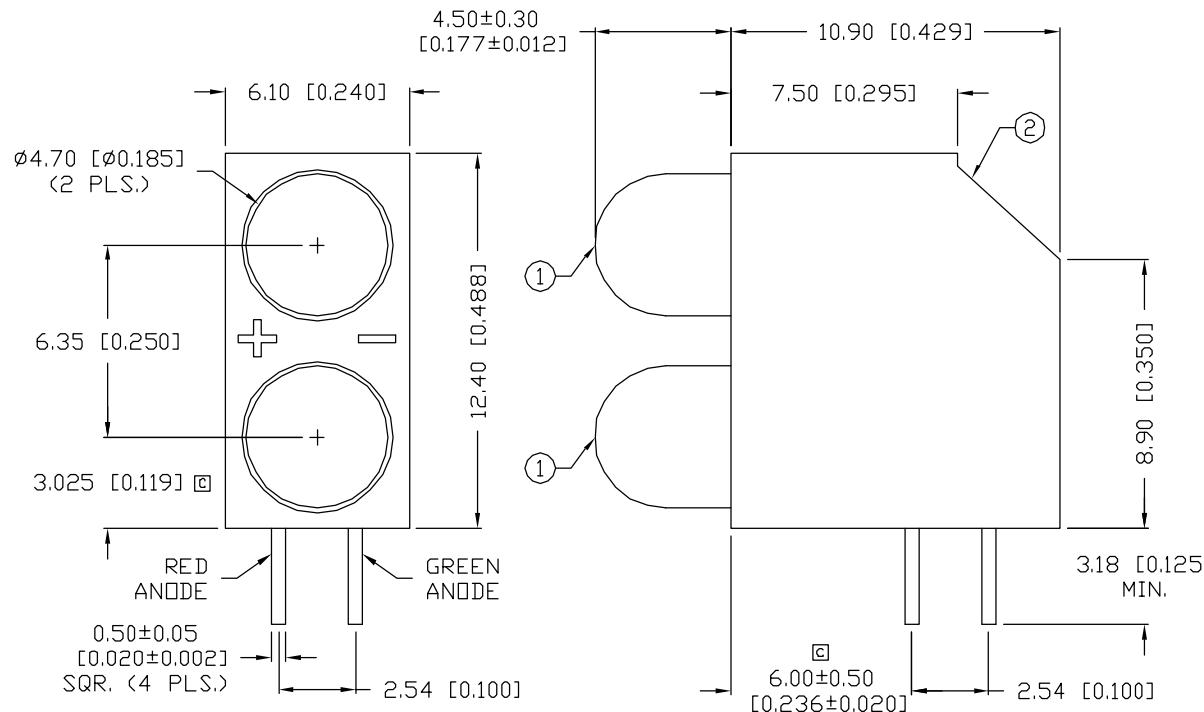
PART NUMBER

SSF-LXH250HGHGW

REV.

C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH.	10-21-93
B	EDITED DIMENSIONS.	5-16-95
C	E.C.N. #10496, & #10BRDR & REDRAWN.	4-12-99



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C		If=20mA				
PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)			nm	
		565 (GREEN)			nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6		Vf	
REVERSE VOLTAGE	5.0				Vr	
AXIAL INTENSITY (R/G)	10/25				mcd	If=100µA
VIEWING ANGLE	60				2x theta	If=20mA
EMITTED COLOR:	RED/GREEN					
EPOXY LENS FINISH:	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	(R/G)	120/105	mW
DERATE FROM 25°C	-1.2		mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85		°C
SOLDERING TEMP.	+260		°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µs

NOTES:

1. SSL-LX509F3HGW, RED/GREEN BICOLOR LED. (2 PCS.)
2. SSH-LXH250, BLACK HOLDER.

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX INCORPORATED	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 1-24-91
C	SSF-LXH250HGHGW	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.	LUMEX INCORPORATED	BC			PAGE: 1 OF 1 SCALE: N/A
	T-5mm (T-1 3/4) LED RIGHT ANGLE FAULT INDICATOR, TWO RED/GREEN BICOLOR LEDS, MILKY WHITE DIFFUSED LENS.	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.					