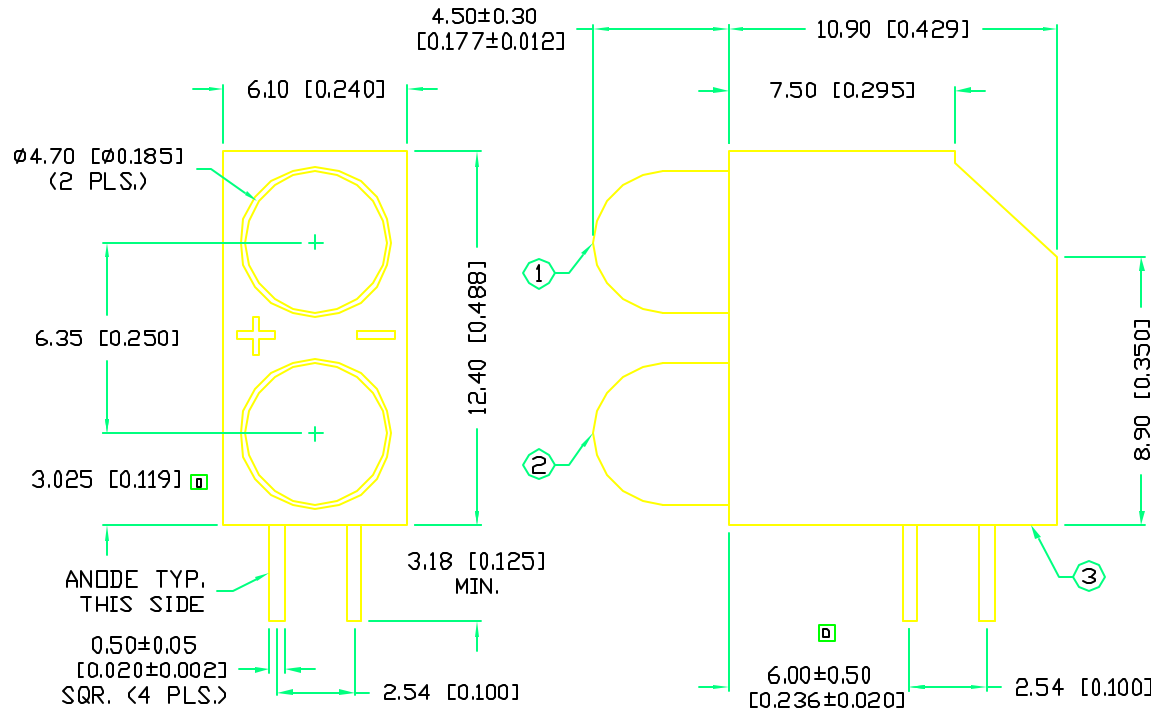


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH250LIGD

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH.	10-15-93
B	UPDATED SPECS.	1-25-95
C	UPDATED DIMS.	5-23-95
D	E.C.N. #10496. & #10BRDR & REDRAWN.	4-12-99



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

PARAMETER	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.6	V _f	
REVERSE VOLTAGE (TYP.)	5.0	5.0	V _r	I _r =100μA
AXIAL INTENSITY (TYP.)	40	30	mcd	I _f =20mA
AXIAL INTENSITY (MIN.)	1.0	1.0	mcd	I _f =2mA
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1	2		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

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/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1. SSL-LX509F3LID, RED LED.
2. SSL-LX509F3LGD, GREEN LED.
3. SSH-LXH250, BLACK HOLDER.

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

REV. D PART NUMBER SSF-LXH250LIGD

CONFIDENTIAL INFORMATION
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LUMEX
INCORPORATED

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WEB: HTTP://WWW.LUMEX.COM

T-5mm (T-1 3/4) LED RIGHT ANGLE FAULT INDICATOR,
POS.1: 635nm RED LED, RED DIFFUSED LENS, LOW CURRENT,
POS.2: 565nm GREEN LED, GREEN 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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 11-6-92
			PAGE: 1 OF 1
			SCALE: N/A