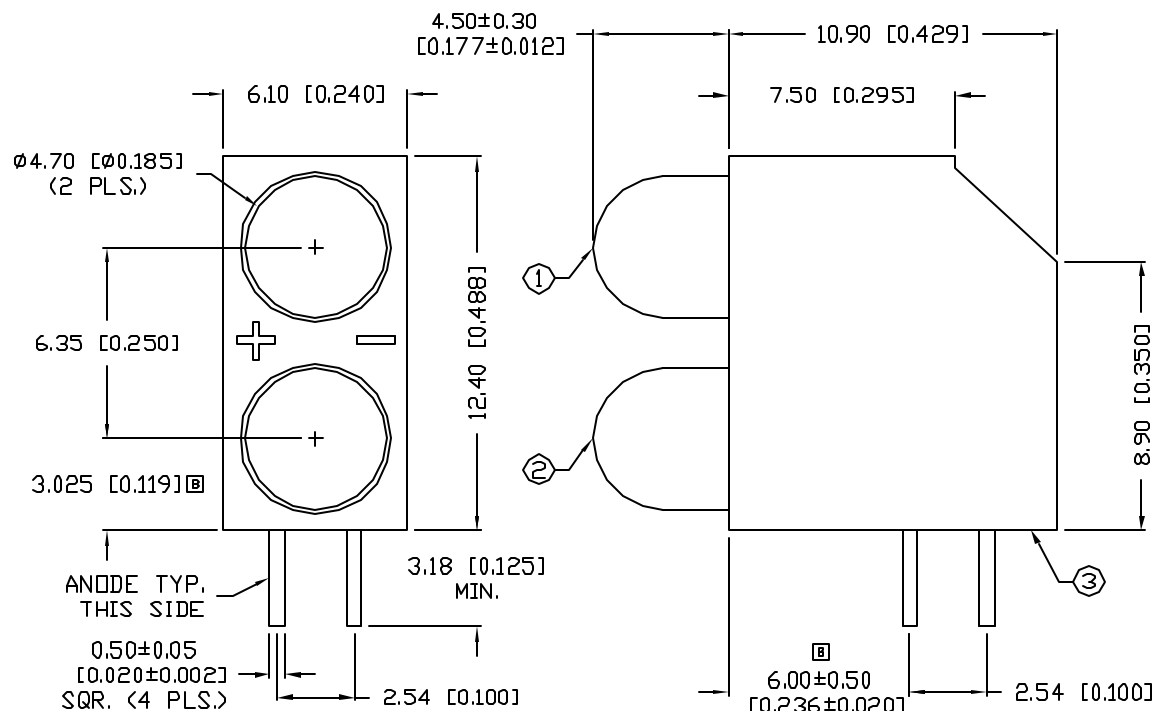


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NOTES:

1. SSL-LX509F3GD, GREEN LED.
2. SSL-LX509F3ID, RED LED.
3. SSH-LXH250, BLACK HOLDER.

PART NUMBER
SSF-LXH250GID

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED DIMENSIONS.	5-16-95
B	E.C.N. #10496. & #10BRDR & REDRAWN.	4-12-99

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		635 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (G/R)		30/40		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		GREEN/RED			
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	(G/R)	25/30	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

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

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

REV.
B

PART NUMBER
SSF-LXH250GID

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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

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PALATINE, ILLINOIS 60067
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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 1-20-95
BC			PAGE: 1 OF 1
			SCALE: N/A

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