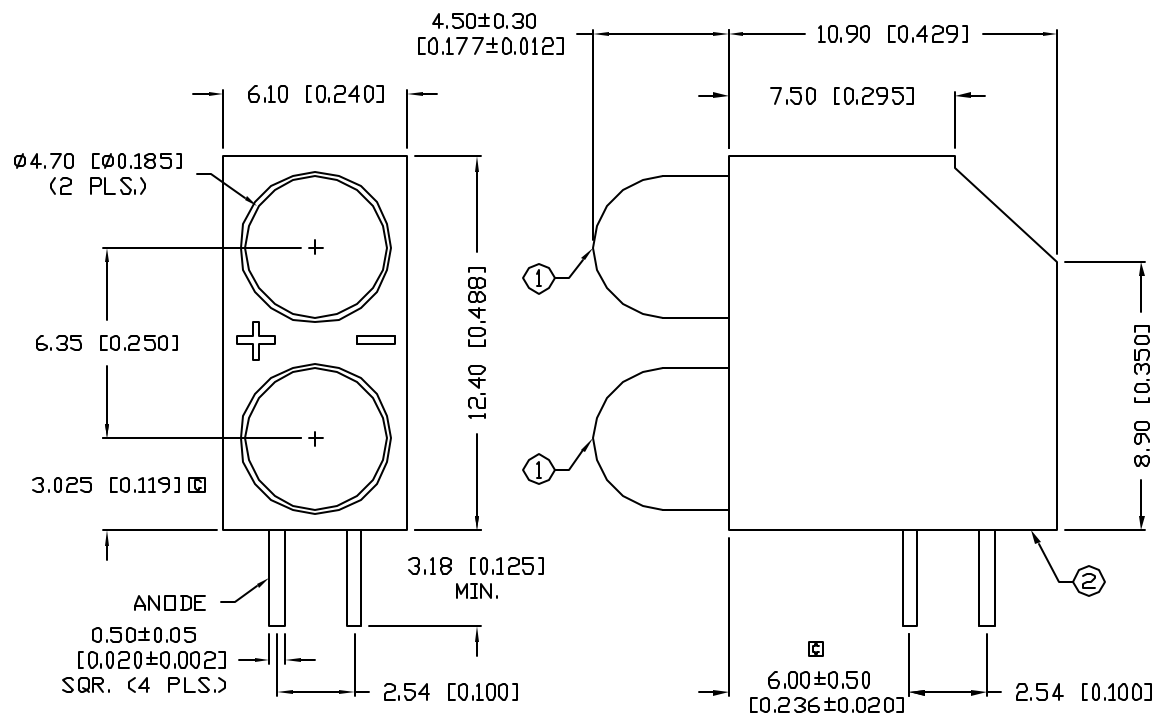


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NOTES:

1. SSL-LX509F3GD, GREEN LED. (2 PCS.)
2. SSH-LXH250, BLACK HOLDER.

PART NUMBER
SSF-LXH250GGD

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH.	10-15-93
B	EDITED DIMENSIONS.	5-23-95
C	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	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcad	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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	

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

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

REV.
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PART NUMBER
SSF-LXH250GGD

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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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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 9-10-93
BC			PAGE: 1 OF 1
			SCALE: N/A

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