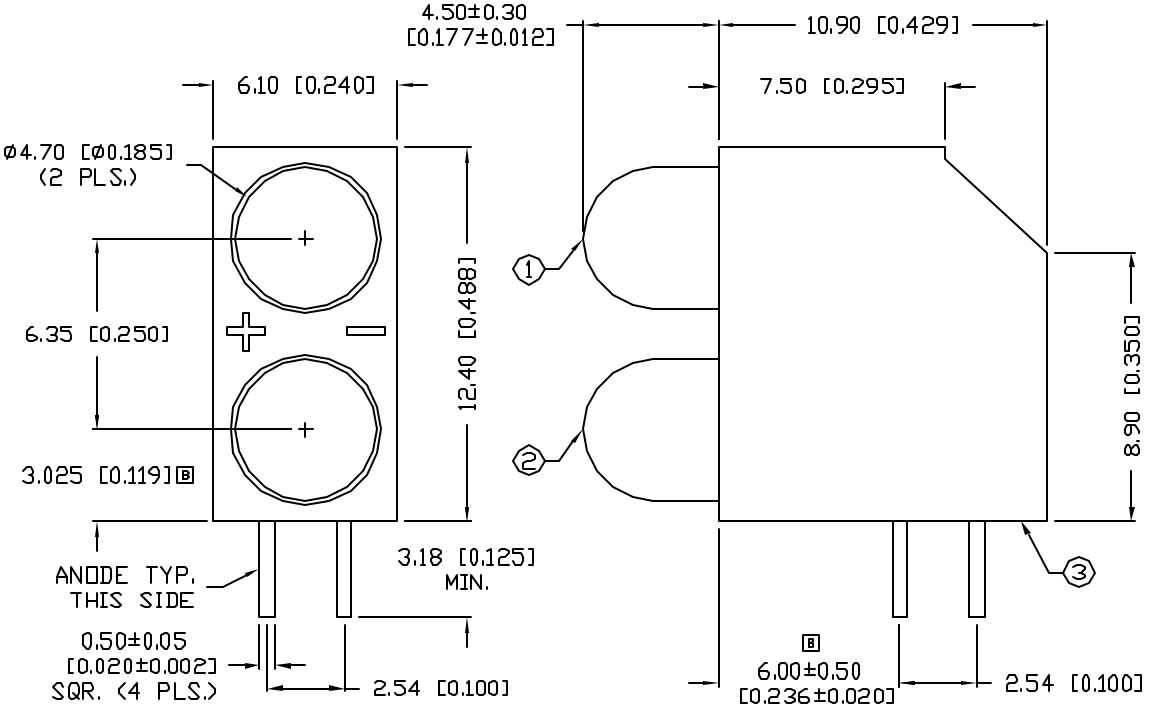
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSF-LXH250GID	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°C I_f=20mA

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=100µA
AXIAL INTENSITY (G/R)		30/40		mcd	If=20mA
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/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

NOTES:

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

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

REV.	PART NUMBER
B	SSF-LXH250GID

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.

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.

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BC			PAGE: 1 OF 1
			SCALE: N/A