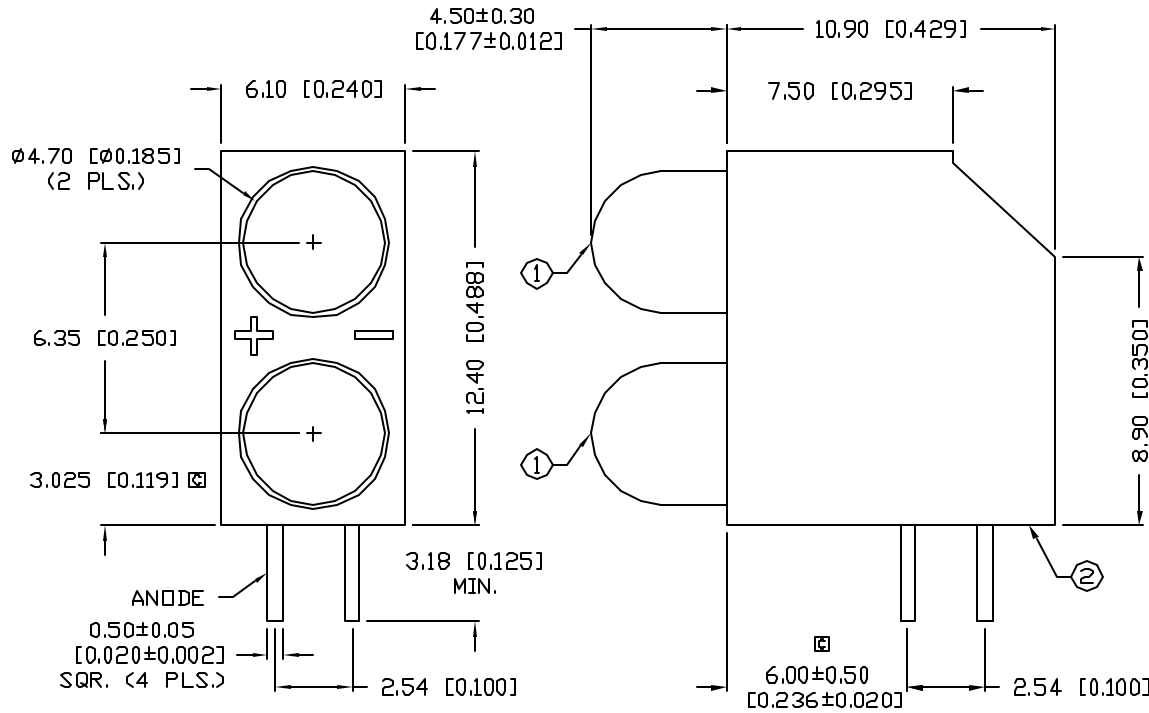


UNCONTROLLED DOCUMENT

PART NUMBER  
SSF-LXH250YYD

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



NOTES:

1. SSL-LX509F3YD, YELLOW LED. (2 PCS.)
2. SSH-LXH250, BLACK HOLDER.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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

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

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

REV. C	PART NUMBER SSF-LXH250YYD
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T-5mm (T-1 3/4) LED RIGHT ANGLE FAULT INDICATOR,  
TWO 585nm YELLOW LEDS, YELLOW 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: 9-10-93
			PAGE: 1 OF 1
			SCALE: N/A