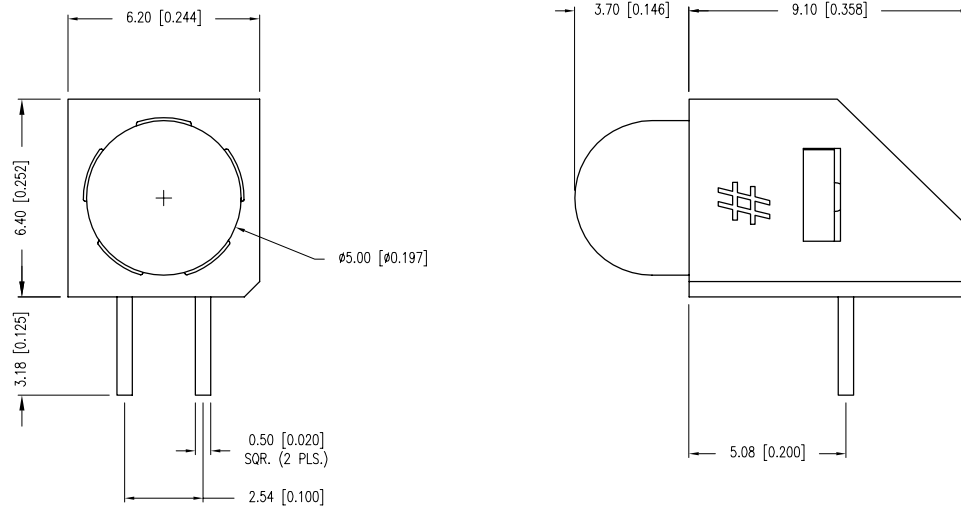


PART NUMBER	SSF-LXH104YD	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.13.93	CHG'D LEAD LENGTH.		A
07.29.95	Z.C.N. #10113 & 10207.		B
05.15.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		C



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
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 TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

- NOTES:
- SSL-LX5093YD, YELLOW LED.
  - SSH-LXH104, BLACK HOLDER.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$  DECIMAL PRECISION MAX=  $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$  DECIMAL PRECISION UNCONTROLLED DOCUMENT

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T-5mm (T-1 3/4) LED, REAR LOADING PCB INDICATOR, 585nm YELLOW LED, YELLOW DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	02.13.92	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	-
SCALE:	N/A	APRVD BY:	JD
UNIT:	mm [INCH]		(Pb)