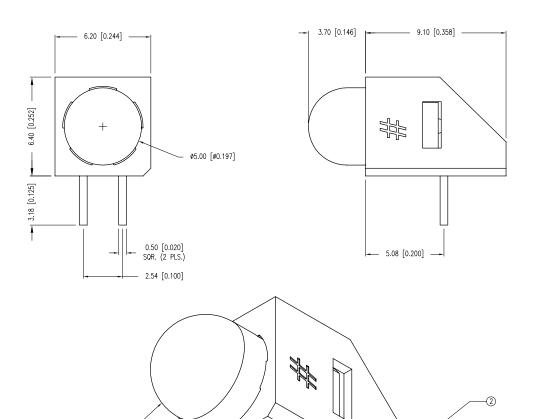
UNCONTROLLED DOCUMENT



	PART NUMBER	SSF-LXH104YD	REV.	С
1	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
	10.13.93	CHG'D LEAD LENGTH.		Α
	07.29.95	∠.C.N. #10113 & 10207.		В
	05.15.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		С

ELECTRO-OPTICAL CH	ARACTERISTICS 7	Γ <sub>A</sub> =25°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 <sub>r</sub> =100uA
AXIAL INTENSITY		30		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DI	FFUSED			

DAILTC	ΛE	CVEE	OPERATION	۸Т	25.0	

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

<sup>\*</sup> t<10uS

## NOTES:

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

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ),  $X.XXX=\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN=  $\pm 0.00$  MAX.=  $\pm 0.0$ 



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ANODE

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

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**Authorized Distributor** 

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SSF-LXH104YD