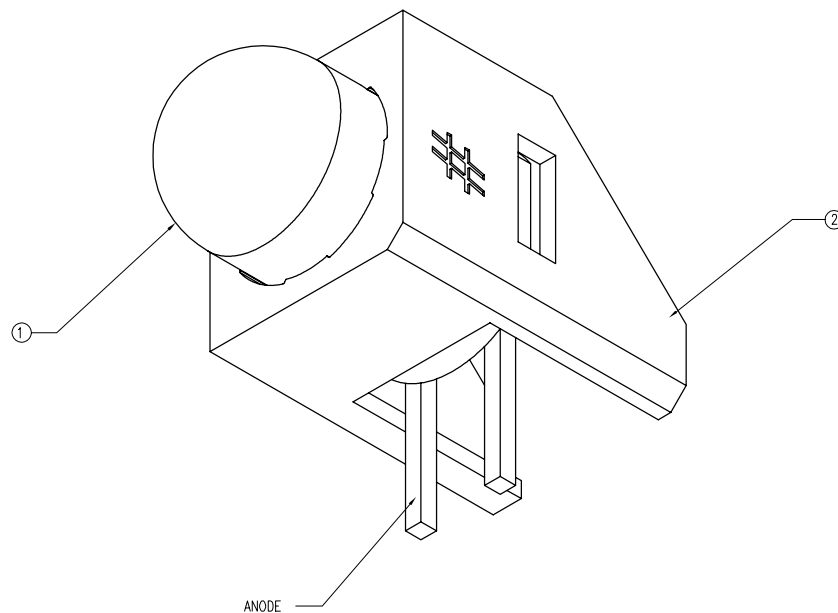
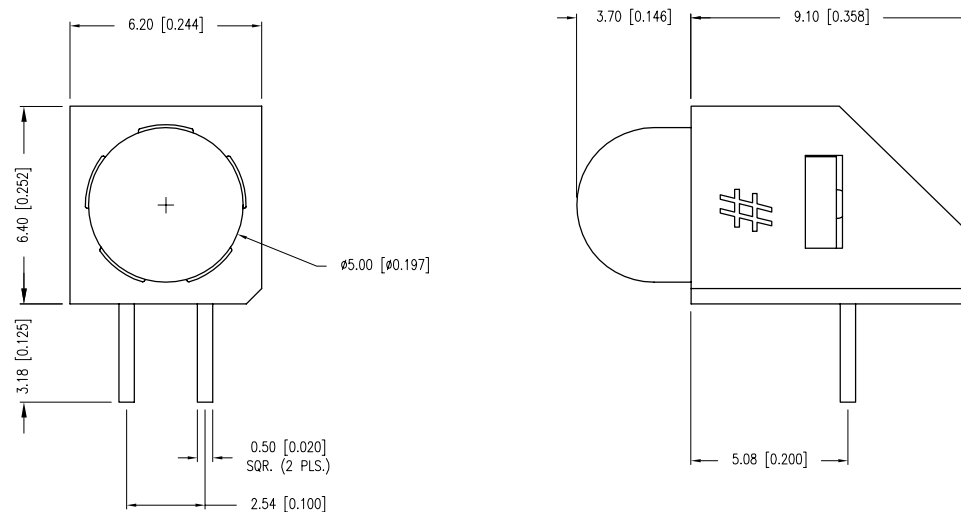


PART NUMBER	SSF-LXH104YC	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.13.93	CHG'D LEAD LENGTH.		A
07.29.95	E.C.N. #10113 & 10207.		B
05.15.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		C

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	$I_r=100\mu\text{A}$
AXIAL INTENSITY		40		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		2θ theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

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/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$

2.0mm FROM BODY

3 SEC. MAX

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

NOTES:

- SSL-LX5093YC, YELLOW LED.
- SSH-LXH104, BLACK HOLDER.

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