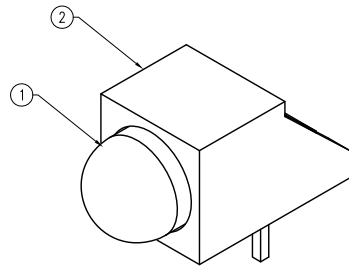
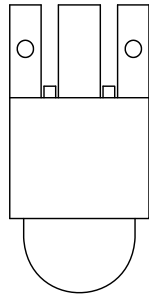


PART NUMBER	SSF-LXH100UWC/D	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
6.11.15	E.C.N. #11958.		A



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		3.30	4.00	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 10\mu\text{A}$
AXIAL INTENSITY	3600		5600	mcd	$I_f = 20\text{mA}$
CHROMATICITY (X)		0.31			
COORDINATES (Y)		0.31			
VIEWING ANGLE		30°		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

A LIMITS OF SAFE OPERATION AT 25°C

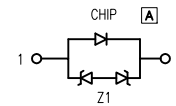
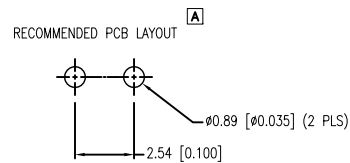
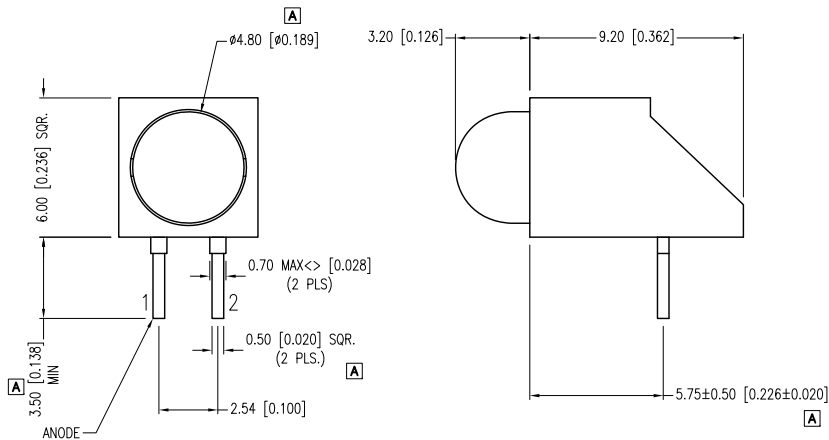
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	120	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

NOTES:

- SSL-LX507F3UWC/D, WHITE LED.
- SSH-LXH100, BLACK HOLDER, TYPE 66 NYLON, UL: 94V - 0 **A**



*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= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX= $\begin{smallmatrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

UNCONTROLLED DOCUMENT