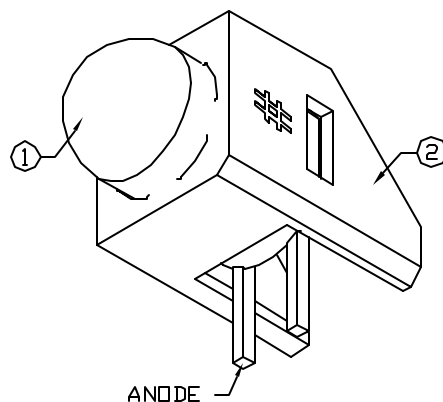
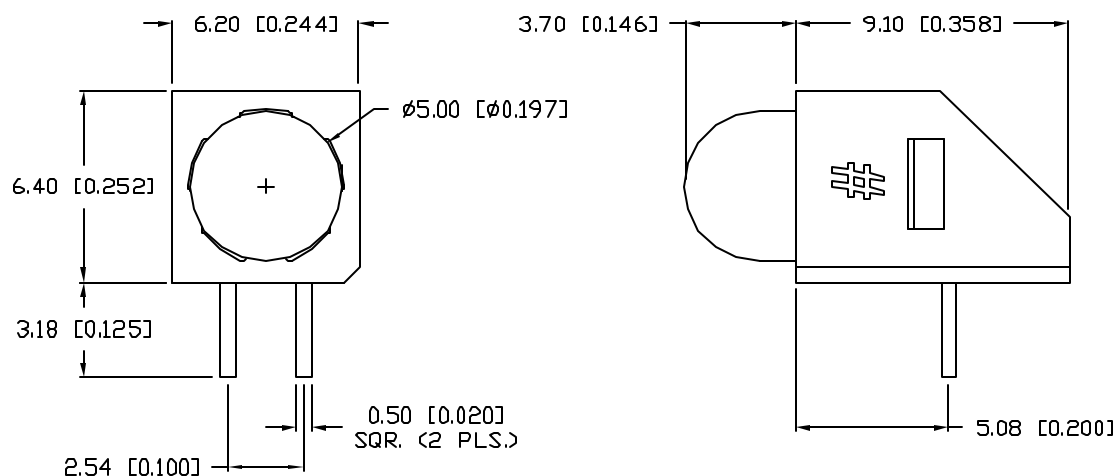


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH104HD-5VREV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN.	10.13.93
B	E.C.N. #10113 & #10207.	7.29.96
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.15.02



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=5\text{ V}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		700		nm
FORWARD VOLTAGE		5.0	7.0	V_f
REVERSE VOLTAGE	5.0			V_r $I_r=100\mu\text{A}$
AXIAL INTENSITY		3		mcd $V_f=5\text{ V}$
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	RED			
EPOXY LENS FINISH:	RED DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

NOTES:

- SSL-LX5093HD-5V, RED LED.
- SSH-LXH104, BLACK HOLDER.

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

REV.
CPART NUMBER
SSF-LXH104HD-5V

T-5mm (T-1 3/4) LED, REAR LOADING PCB INDICATOR,
 700nm RED DIFFUSED LED, 5V OPERATION.

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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.



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			SCALE: N/A

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