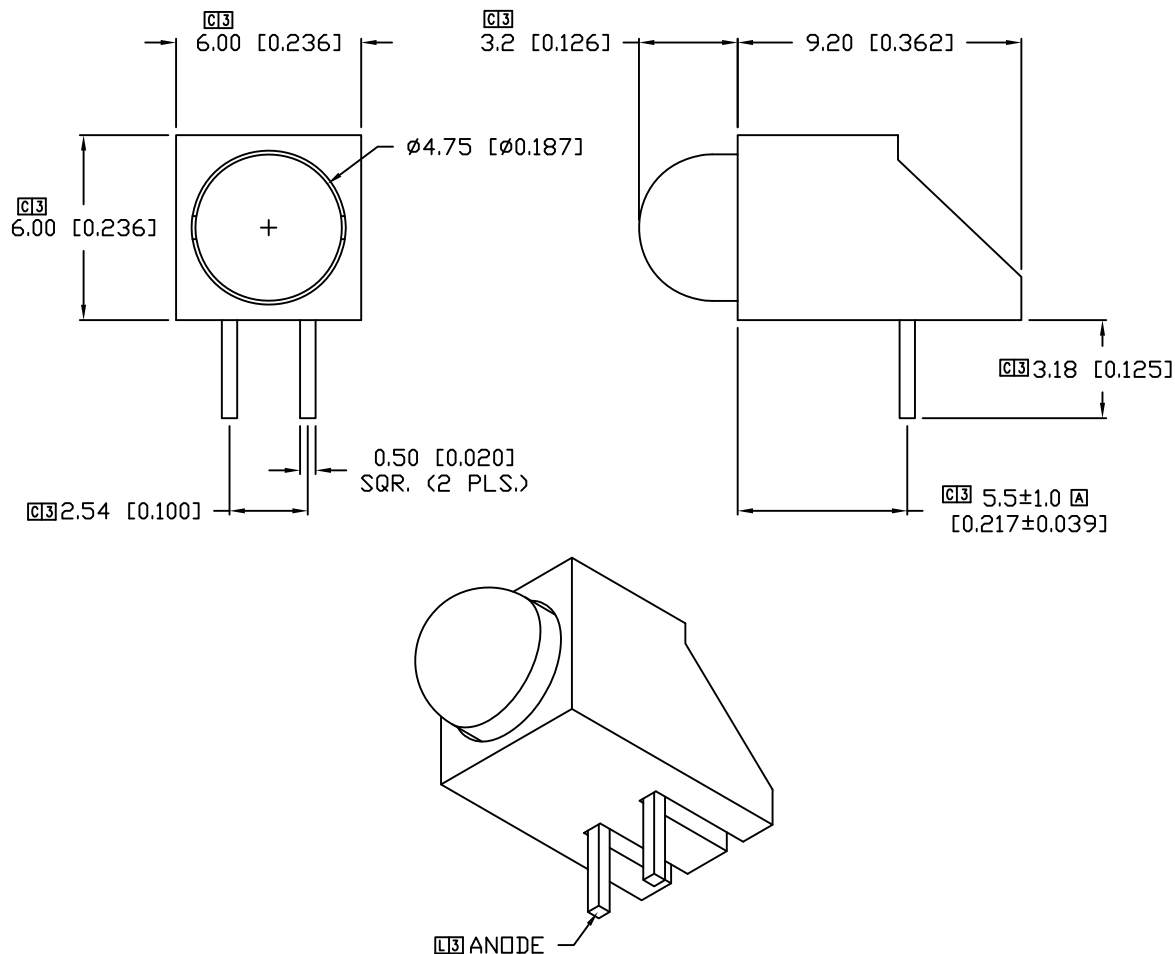


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10301.	1.30.97
B	E.C.N. #10BRDR.	4.20.00
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.14.02

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=5\text{ V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=5\text{ V}$
VIEWING ANGLE		60		2x theta	

[L5] EMITTED COLOR: RED

[V5] EPOXY LENS FINISH: RED DIFFUSED

[A] 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:

1. SSL-LX507F3ID-5V, RED LED.
2. SSH-LXH100, 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.=+DECIMAL PRECISION MAX.=+0.00
-0.00 -DECIMAL PRECISION

REV.

C

PART NUMBER

SSF-LXH100ID-5V

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR,
635nm RED DIFFUSED LED, 5V OPERATION.

CONFIDENTIAL INFORMATION

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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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[B] [C]

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 8.23.93

PAGE: 1 OF 1

SCALE: N/A