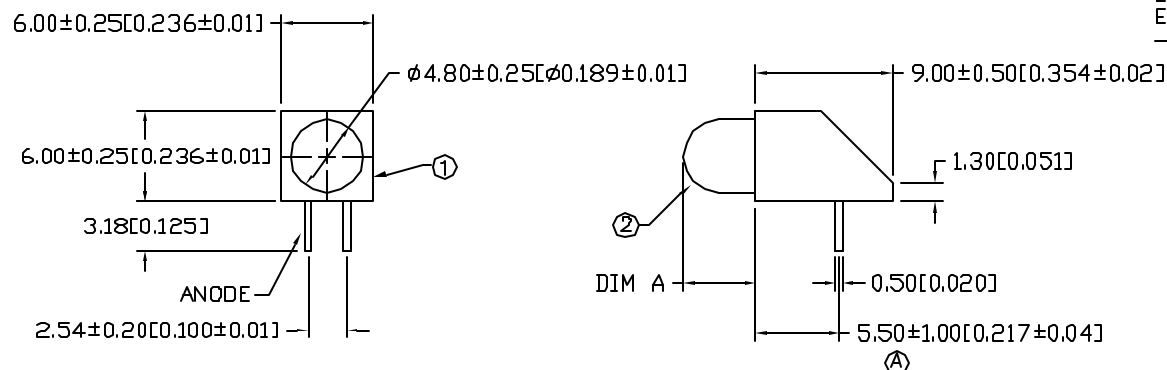


DATE	REVISIONS	REV	DRAWING NUMBER	REV
1-30-97	E.C.N. #10301./	A	SSF-LXH100HD(-01)	B
10-24-97	E.C.N. #10BRDR./	B		

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		695 (RED)		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		6		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED	DIFFUSED			



DIM. A

NO P/N SUFFIX: 3.2 ±0.5 (.126 ±.02)
WITH -1 SUFFIX: 4.7 ±0.5 (.187 ±.02)

NOTES:

- SSH-LXH100 HOLDER, BLACK.
- NO P/N SUFFIX, SSL-LX507F3HD
WITH -01 SUFFIX, SSL-LX509F3HD

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LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

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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LUMEX
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DATE: 5-6-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-5 (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR,
RED DIFFUSED

UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

MS/CX

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DRAWING NUMBER
SSF-LXH100HD(-01)

REV
B