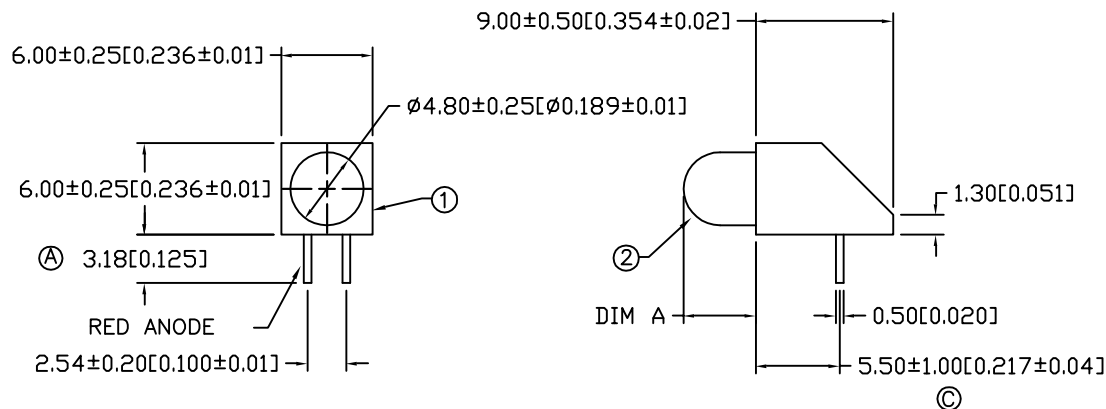


DATE	REVISIONS	REV
10-2-93	CHG'D. LEAD LENGTH./	A
10-11-94	UPDATED SPECS./	B
1-30-97	E.C.N. #10301./	C

DRAWING NUMBER
SSF-LXH100HGW(-01) REV C

*REPLACES LUMEX P/N SSF-LXH100HGW (-1)



DIM. A

NO P/N SUFFIX: 3.2 ± 0.5 (.126 ± 0.02)
 WITH -1 SUFFIX: 4.7 ± 0.5 (.187 ± 0.02)

NOTES:

- SSH-LXH100 HOLDER, BLACK.
- NO P/N SUFFIX, SSL-LX507F3HGW
WITH -01 SUFFIX, SSL-LX509F3HGW

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) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (R/G)		4.0		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR	RED/GREEN				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	25	mA
POWER DISSIPATION	120/105	mW
DERATE FROM 25°C	-1.2	mW/°C
② OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
② 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.

LUMEX
OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

CONFIDENTIAL INFORMATION
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DATE: 7-15-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

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

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH100HGW(-01)	REV C
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)