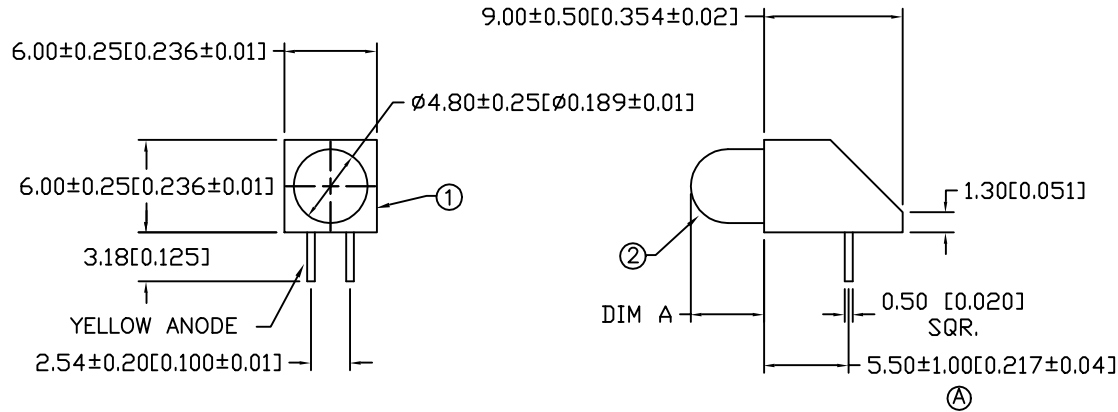


DATE	REVISIONS	REV
1-30-97	E.C.N. #10301./	A
10-24-97	E.C.N. #10BRDR./	B

DRAWING NUMBER	REV
SSF-LXH100YGW(-01)	B



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-LX507F3YGW
WITH -01 SUFFIX, SSL-LX509F3YGW

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW) 565 (GREEN)		nm	
FORWARD VOLTAGE (Y/G)		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (Y/G)		10		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR		YELLOW/GREEN			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED			

Ⓐ LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
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.

Ⓑ

LUMEX
INCORPORATED

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DATE: 9-20-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

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

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH100YGW(-01)	REV B
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

MS/CK