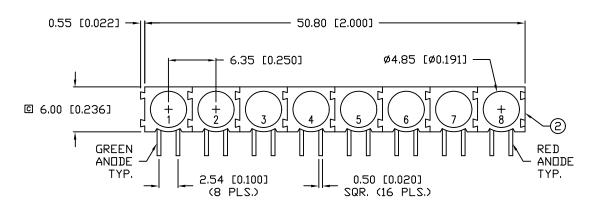
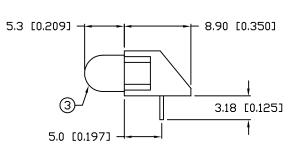
## UNCONTROLLED DOCUMENT

PART NUMBER SSF-LXH100MGIW-1-8

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10291.	1-13-97
В	E.C.N. #10341.	5-12-97
С	F.C.N. #10563	2-4-00





## NOTES:

- 1. PACKAGE PARTS IN ANTI-STATIC TUBES.
- 2. SSH-LXH100M, BLACK NYLON HOLDER, 94V-0. (8 PCS.)
- 3. SSL-LX509F3GIW, GREEN/RED BICOLOR LED. (8 PCS.)

ELECTRO-OPTICAL CHARA	)mA				
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)	)	nm	
		635 (RED)		nm	
FORWARD VOLTAGE (G/R)	)	2.2/2.0	2.6/2.5	$V_{f}$	
REVERSE VOLTAGE 5				$V_r$	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		25		mcd	If = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: G	REEN/RED				
EPOXY LENS FINISH: M	IILKY WHITE	DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40  TO  +85	•C
SOLDERING TEMP.		+ 260	•C
2.0mm FROM BODY			3 SEC. MAX

<sup>\*</sup> t<10µS

\*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010).

BC

REV.

PART NUMBER SSF-LXH100MGIW-1-8

T-5mm (T-1 3/4) MATING RIGHT ANGLE FAULT INDICATOR, GREEN/RED BICOLOR LED, MILKY WHITE DIFFUSED.

CONFIDENTIAL INFORMATION
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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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359-2790 WEB: http://www.lumex.com

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 9-18-96

> PAGE: 1 OF 1 SCALE: N/A