

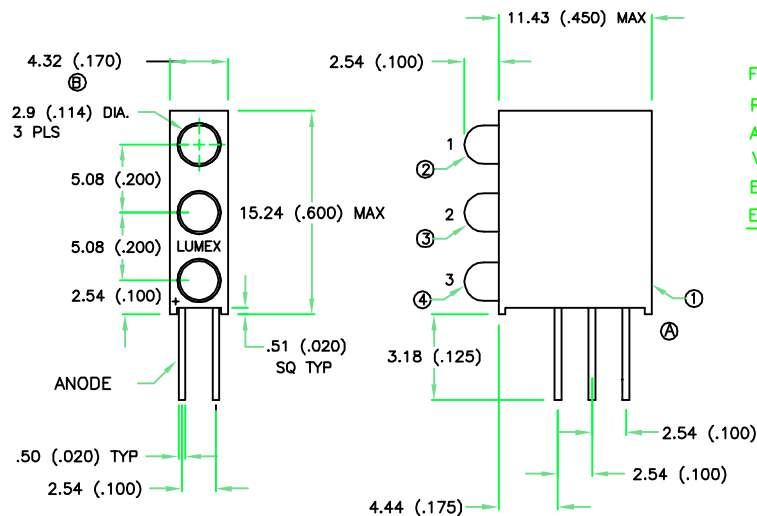
DATE	REVISIONS	REV
3-6-95	CHG'D STANDOFFS, UPDATED SPECS./	A
9-23-96	E.C.N. #10244./	B

DRAWING NUMBER	REV
SSF-LXH340YIGD	B

## UNCONTROLLED DOCUMENT

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	POS. 1	585 (YELLOW)		nm	
	POS. 2	635 (RED)		nm	
	POS. 3	565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100uA
AXIAL INTENSITY		15		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	POS. 1-YELLOW	POS. 2-RED	POS. 3-GREEN		
EPOXY LENS FINISH:	YELLOW, RED, GREEN DIFFUSED				



### Ⓐ LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT(Y/I/G)	30/30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25 °C	-1.6	mW/ °C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\* t<10uS

#### BILL OF MATERIALS:

- SSH-LXH340 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YD LED.
- SSL-LX3044ID LED.
- SSL-LX3044GD LED.

#### 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.

UNCONTROLLED DOCUMENT

LUMEX

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DATE: 10-13-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,  
YELLOW/RED/GREEN DIFFUSED

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