

DATE	REVISIONS	REV
8-15-94	CHG'D. OPER/STOR. TEMPS AND STAND-OFF/	A
3-6-95	CHG'D. STANDOFF, UPDATED SPECS./	B
9-23-96	E.C.N. #10244./	C

DRAWING NUMBER
SSF-LXH340IYGD

REV
C

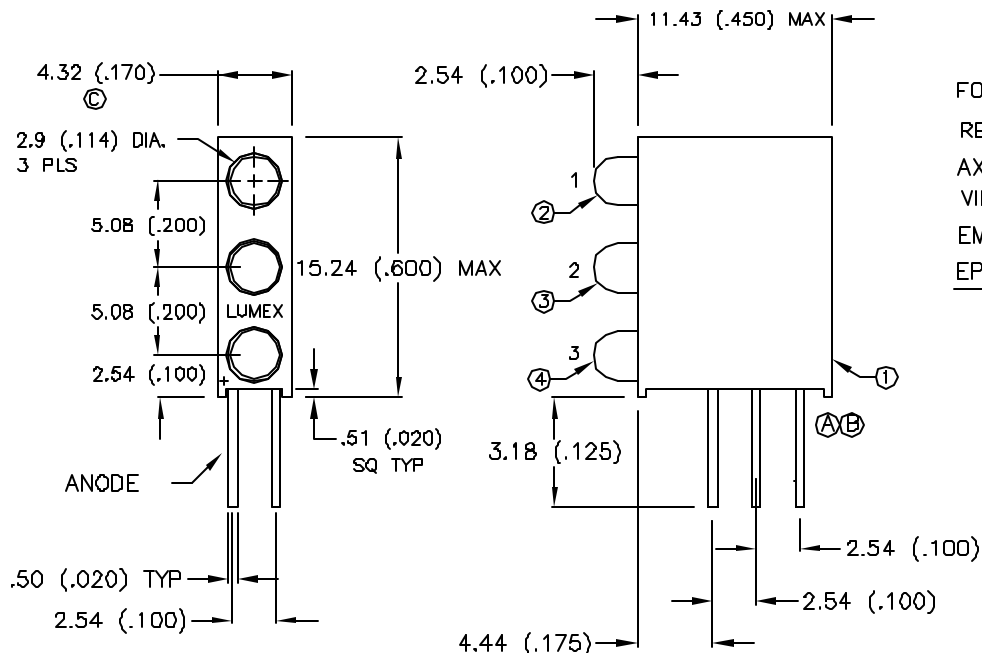
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C If=20mA

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

ⓑ LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	150	mA
STEADY CURRENT(I/Y/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-LX3044ID LED.
- SSL-LX3044YD 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.

LUMEX
OPTO COMPONENTS INC.

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

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DATE: 8-5-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

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

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