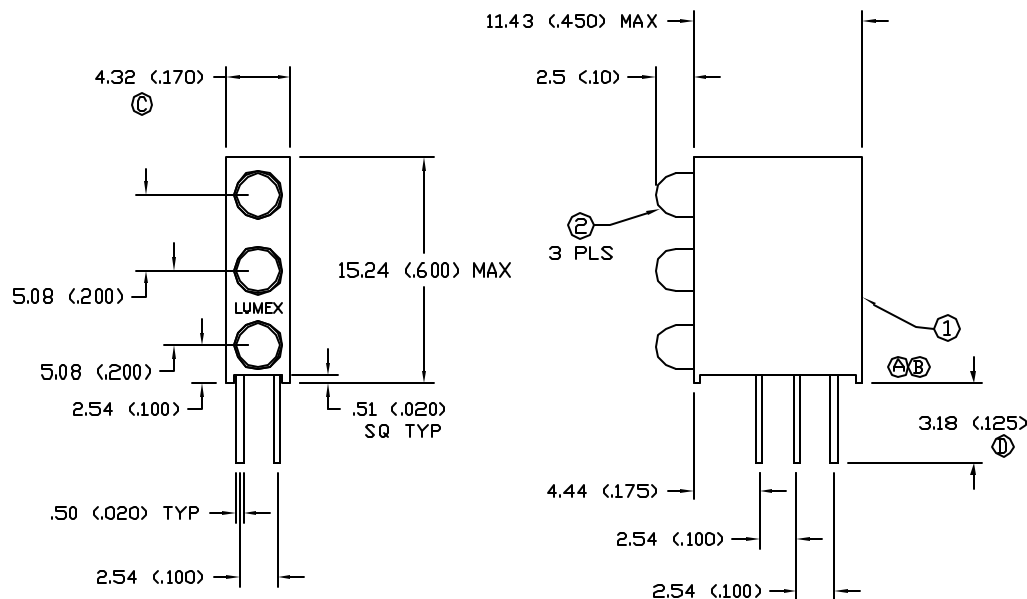


DATE	REVISIONS	REV
8-12-94	CHG'D. STANDOFF OPER'S. AND SOLDER SPECS.	A
3-6-95	CHG'D. STANDOFF, UPDATED SPECS./	B
9-23-96	E.C.N. #10244./	C
11-12-96	E.C.N. #10270./	D

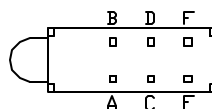
DRAWING NUMBER
SSF-LXH340YGYGYGW
REV
D

UNCONTROLLED DOCUMENT



PIN-OUT

- A BICOLOR LED-YELLOW ANODE
- B BICOLOR LED-GREEN ANODE
- C BICOLOR LED-YELLOW ANODE
- D BICOLOR LED-GREEN ANODE
- E BICOLOR LED-YELLOW ANODE
- F BICOLOR LED-GREEN ANODE



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK COLOR WAVELENGTH		585 (YELLOW) 565 (GREEN)		nm	
FORWARD VOLTS (Y/G)		2.1	2.8	V _f	
AXIAL INTENSITY (TYP)		5.0		mcd	$I_f=20\text{mA}$
VIEWING ANGLE (TYP)		80		2x theta	
EMITTER COLOR		YELLOW/GREEN			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED			

② LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (Y/G)*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION (Y/G)	105	mW
DERATE FROM 25°C	-1.2	mW/°C
⑤ OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
⑥ 2.0mm FROM BODY	3 SEC. MAX	

* $t < 10\mu\text{s}$

BILL OF MATERIALS:

- SSH-LXH340 HOLDER, MATERIAL: BLACK NYLON 94V-0.
- SSL-LX3044YGW LED (3 PIECES).

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
OPTO COMPONENTS INC.

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

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DATE: 2-2-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

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

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH340YGYGYGW	REV D
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