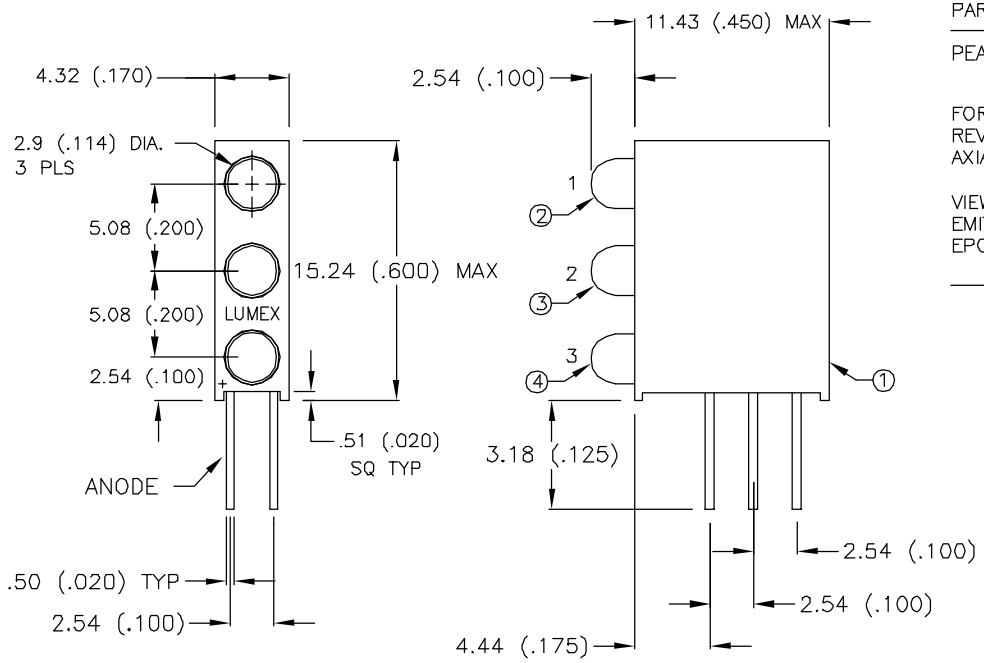
DATE	REVISIONS	REV

DRAWING NUMBER
SSF-LXH340LYGID

REV



ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25°C$ $I_f = 20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH POS.1		585 (YELLOW)		nm	
POS.2		565 (GREEN)		nm	
POS.3		635 (RED)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5			V_r	$I_r = 100uA$
AXIAL INTENSITY		20		mcd	$I_f = 20mA$
	1.5			mcd	$I_f = 2$ mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR	POS.1-YEL, POS.2-GRN, POS.3-RED				
EPOXY LENS FINISH	ALL COLORS DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G/R)	30/25/30	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:

1. SSH-LXH340 HOLDER. MATERIAL: BLACK NYLON 94V-0.
2. SSL-LX3044LYD LED.
3. SSL-LX3044LGD LED.
4. SSL-LX3044LID 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.

MS/SS

LUMEX OPTO COMPONENTS INC.
290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 11-7-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR,
YELLOW/GREEN/RED DIFFUSED, SPECIAL LOW CURRENT SELECTION

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