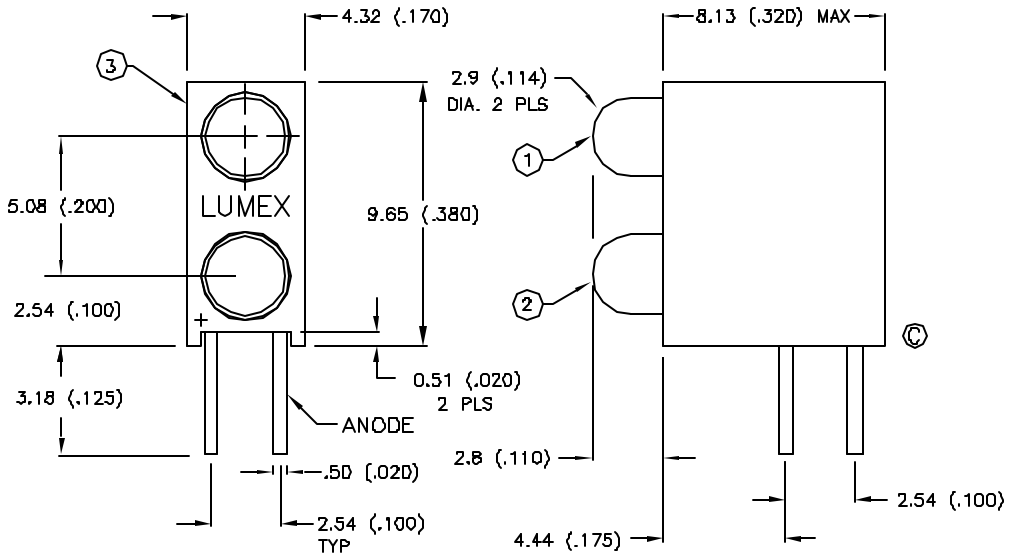
DATE	REVISIONS	REV

DRAWING NUMBER
Ssf-lxh240GID-RP

REV



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		635 (RED)		nm	
FORWARD VOLTAGE (Y/R)		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY (Y/R)		15		mcd	I_f=20mA
VIEWING ANGLE		80		2x theta	

EMITTED COLOR : POS. 1 – GREEN POS. 2 – RED

EPOXY LENS FINISH: POS. 1 – GREEN DIFFUSED
POS. 2 – RED DIFFUSED

LIMITS OF SAFE OPERATION AT 25 DEG. C

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

* t<10μs

BILL OF MATERIALS:

1. SSL-LX3044GD LED.
2. SSL-LX3044ID LED.
3. SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.

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.
292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

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DATE: 5-20-94	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, RIGHT ANGLE FAULT INDICATOR, GREEN/RED DIFFUSED, REVERSE POLARITY.

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