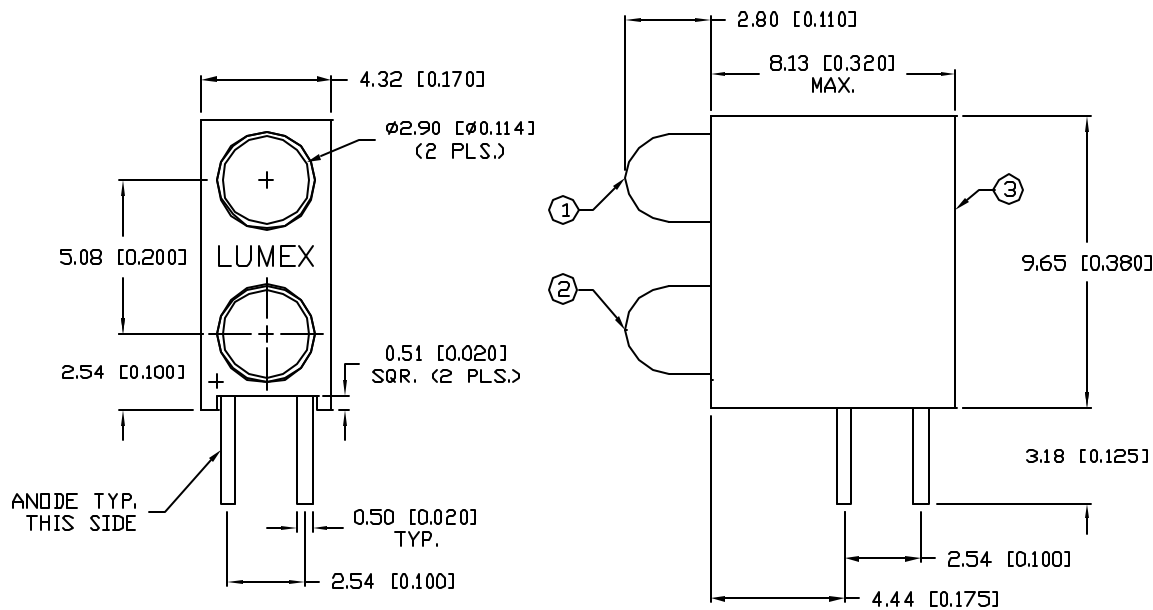


PART NUMBER
SSF-LXH240IGD

REV.

REV. | E.C.N. NUMBER AND REVISION COMMENTS

DATE



NOTES:

1. SSL-LX3044ID, RED LED. (1 PC.)
2. SSL-LX3044GD, GREEN LED. (1 PC.)
3. SSH-LXH240 HOLDER. MATERIAL: BLACK NYLON 94V-0.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		40/30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		POSITION 1-RED			
		POSITION 2-GREEN			
EPOXY LENS FINISH:		POSITION 1-RED DIFFUSED			
		POSITION 2-GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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

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

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

REV.

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LUMEX
 INCORPORATED

T-3mm (T-1) LED, PIGGY-BACK HOLDER,
 POS.1: RED DIFFUSED LED, POS.2:GREEN DIFFUSED 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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 9-2-98
			PAGE: 1 OF 1
			SCALE: N/A