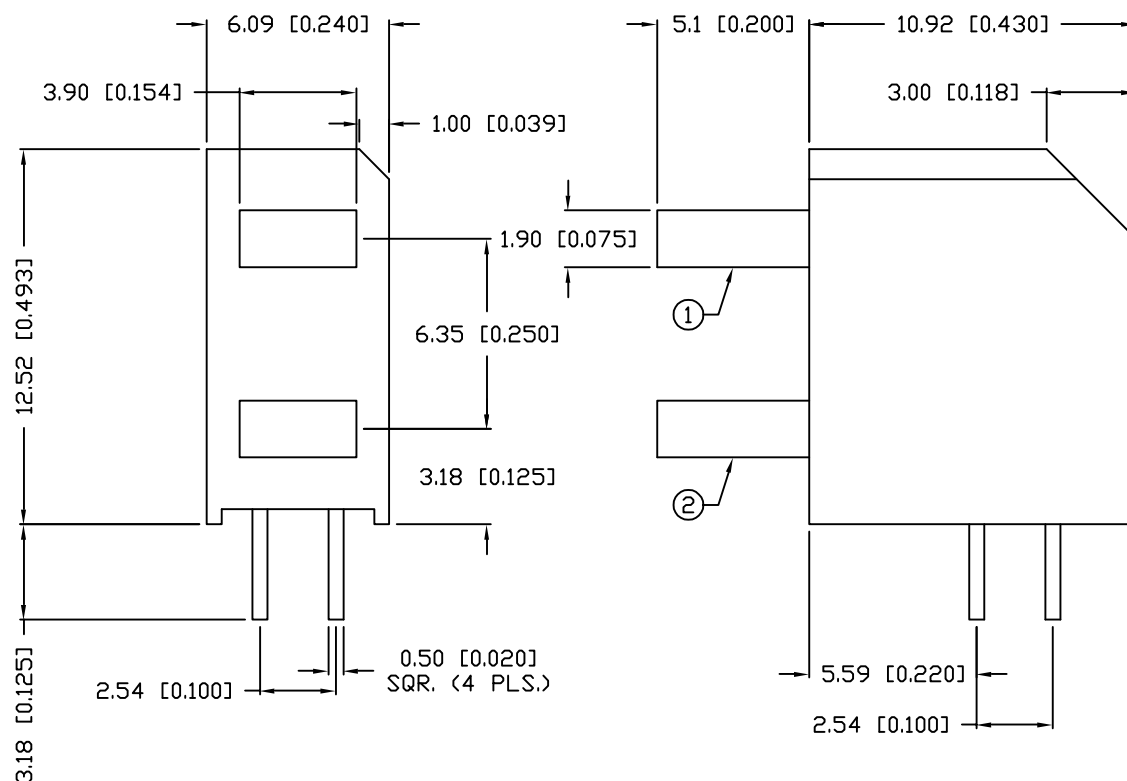
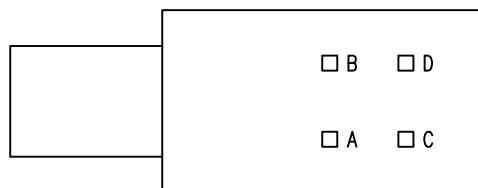




PINOUT

A. YELLOW ANODE
B. GREEN ANODE
C. RED ANODE
D. GREEN ANODE

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	
		585 (YELLOW)		nm	
FORWARD VOLTAGE (R)		2.0	2.5	V_f	
	(G)	2.2	2.6	V_f	
	(Y)	2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G/Y)		8		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		$2\times \theta$	
EMITTED COLOR:	POS.1: RED/GREEN, POS.2: YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G/Y)	30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSL-LX2473IGW, RED/GREEN BICOLOR LED.
- SSL-LX2473YGW, YELLOW/GREEN BICOLOR LED.

*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER
SSF-H2247IGYGW

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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
INCORPORATED

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2mm x 4mm RECTANGULAR DUAL TOWER,
POS.1: RED/GREEN, POS.2: YELLOW/GREEN, WHITE DIFFUSED.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 11.28.00
			PAGE: 1 OF 1
			SCALE: N/A

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