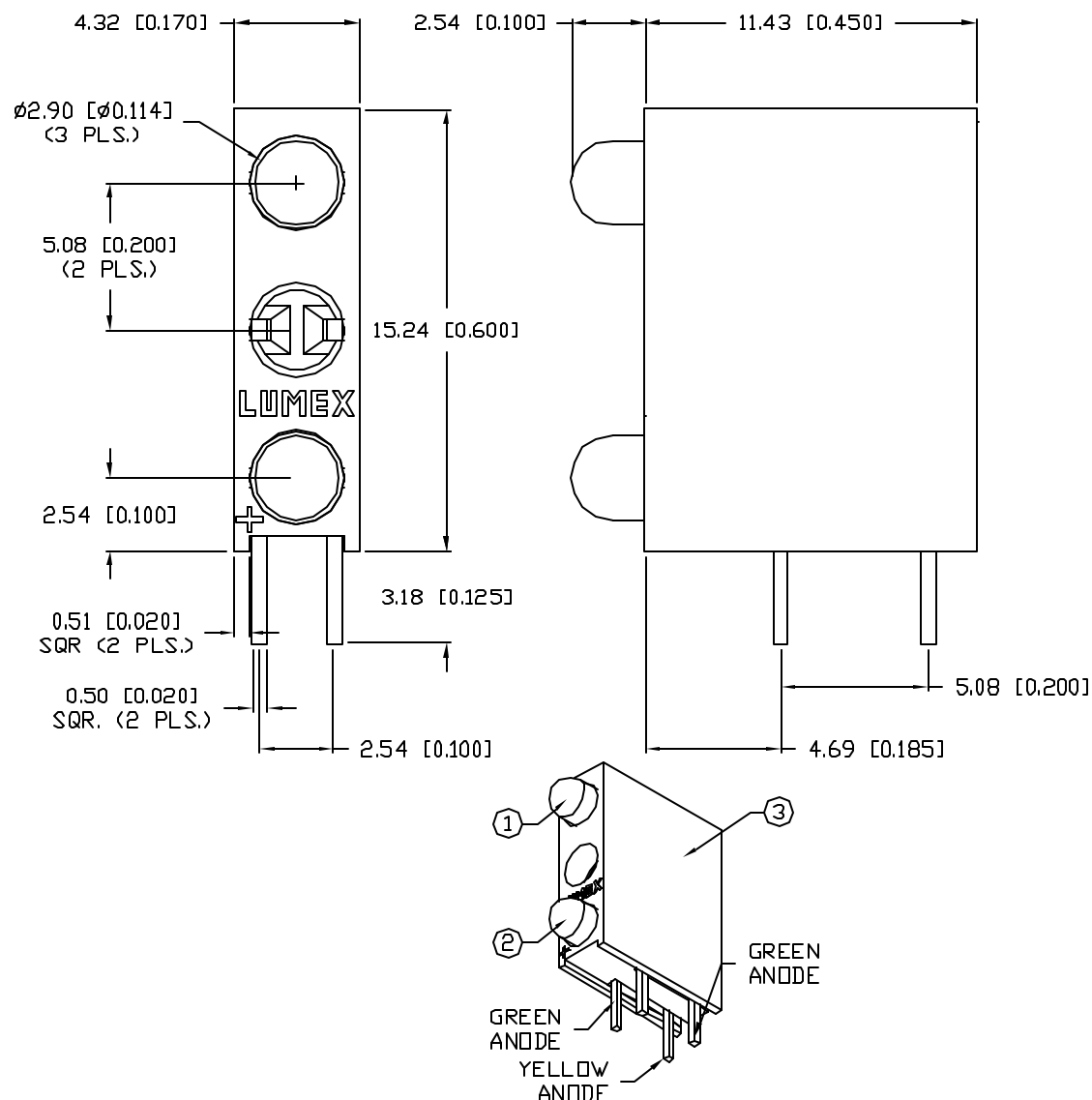


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	YELLOW	GREEN	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	590	574	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.1	2.2	V _f	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	V _f	
REVERSE VOLTAGE	5.0	5.0	5.0	V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	200	190	100	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	30	30	30	2x theta	
LED POSITION:	1	1	3		
EPOXY LENS FINISH: WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	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-LX3044SYSUGC, BICOLOR LED.
- SSL-LX3044GC, GREEN LED.
- SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION -0.00 MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH340SYSUGCXG

CONFIDENTIAL INFORMATION

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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.



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DATE: 4.1.02

PAGE: 1 OF 1

SCALE: N/A

KS/CT

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS.1: 590nm AlInGaP YELLOW/574nm AlInGaP GREEN,
POS.3: 565nm GREEN, WATER CLEAR LENS.