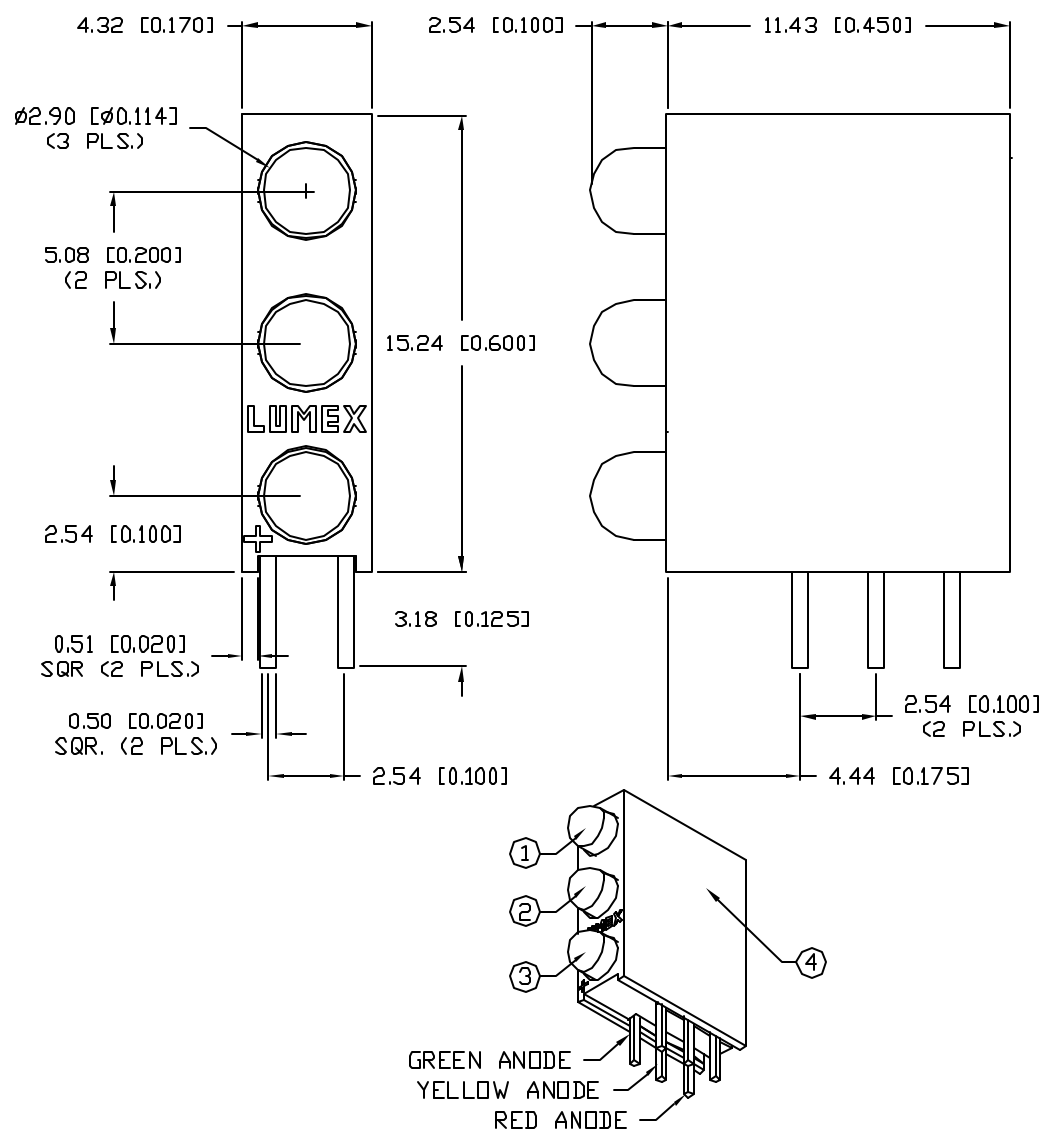




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$				$I_f=20\text{mA}$	
PARAMETER	RED	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	636	590	574	nm	
FORWARD VOLTAGE (TYP.)	1.9	2.0	2.1	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	450	150	100	mcad	$I_f=20\text{mA}$
VIEWING ANGLE	30	30	30	2x theta	
LED POSITION:	1	2	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	(R/Y/G)	30/30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* $t < 10 \mu s$

NOTES:

1. SSL-LX3044SIC RED LED.
2. SSL-LX3044SYC YELLOW LED.
3. SSL-LX3044SUGC GREEN LED.
4. SSH-LXH34D HOLDER BLACK NYLON, 94V-0.

*UNLESS OTHERWISE SPECIFIED 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 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-LXH340SISYSUGC

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS.1: 636nm AlInGaP RED, POS.2: 570nm AlInGaP YELLOW,
POS.3: 574 AlInGaP GREEN, WATER CLEAR LENS.

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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SCALE: N/A
