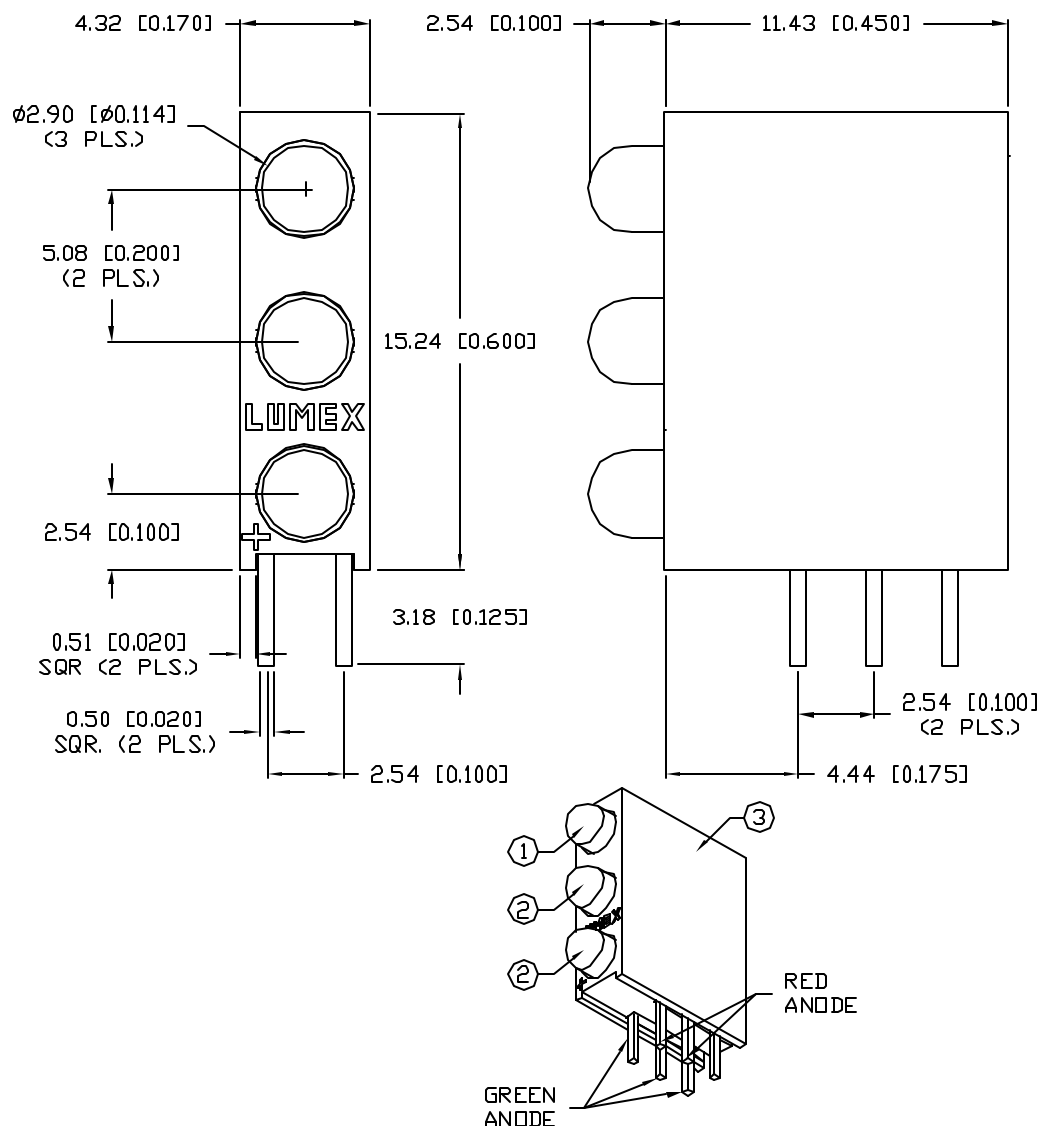


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.2	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.6	2.5	V_f	
REVERSE VOLTAGE (TYP.)	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (TYP.)	20	20	20	mcd	$I_f=20\text{mA}$
AXIAL INTENSITY (MIN.)	1.0	1.0	1.0	mcd	$I_f=2\text{mA}$
VIEWING ANGLE	60	60	60	2θ	
LED POSITION:	1	2,3	2,3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	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:

1. SSL-LX3044LGD, GREEN LED.
2. SSL-LX3044LGW, GREEN/RED LED. (2 PLS.)
3. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

*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-LXH340LGDGIGIW

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: 3.11.02

PAGE: 1 OF 1

SCALE: N/A

BC

T-3mm RIGHT ANGLE FAULT INDICATOR HOLDER,
ALL LOW CURRENT, POS.1: GREEN DIFFUSED LED,
POS.2,3: GREEN/RED BICOLOR, MILKY WHITE DIFFUSED.