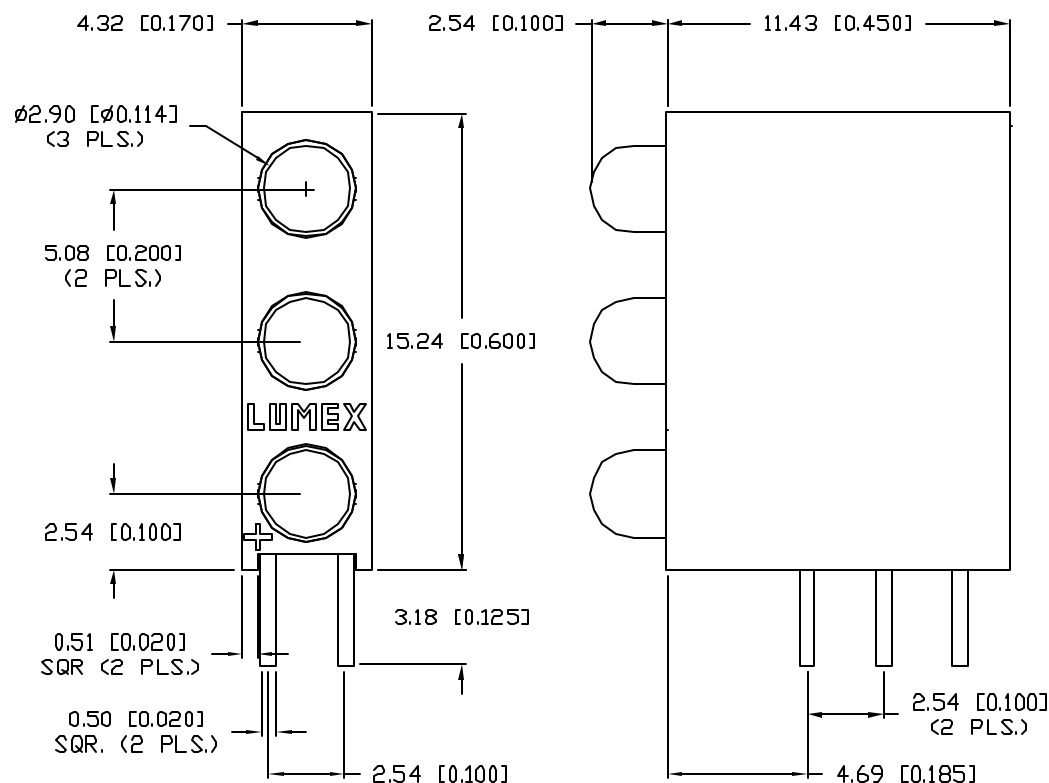


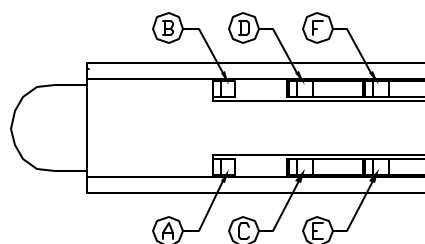
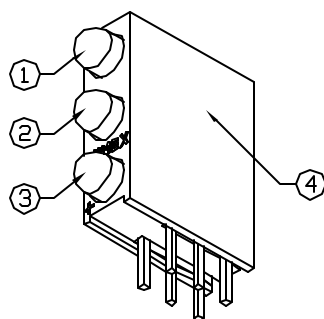


CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	GREEN	YELLOW	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	565	585	430	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	4.5	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	5.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	20	20	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2θ	
LED POSITION:	1,2	2	3		
EPOXY LENS FINISH:	POS. 1: GREEN DIFFUSED POS. 2: MILKY WHITE DIFFUSED POS. 3: BLUE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(B/G/Y)	98/150/150	mA
STEADY CURRENT	(B/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

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

LEAD NOTES:

- A. BLUE ANODE.
B. BLUE CATHODE.
C. YELLOW ANODE.
D. GREEN ANODE.
E. GREEN ANODE.
F. GREEN CATHODE.

NOTES:

1. SSL-LX3044GD, GREEN LED.
2. SSL-LX3044YGW, YELLOW/GREEN LED.
3. SSL-LX3044SBD/A, BLUE LED.
4. 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-LXH340GDYGWSBD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS. 1: 565 GREEN LED, POS.2: 565/585 GREEN/YELLOW,
POS.3: 430nm SUPER BLUE LED.

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: 12.16.04

PAGE: 1 OF 1

SCALE: N/A

JD