

PART NUMBER
SSF-LXH340YGD

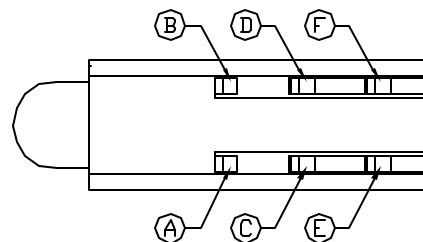
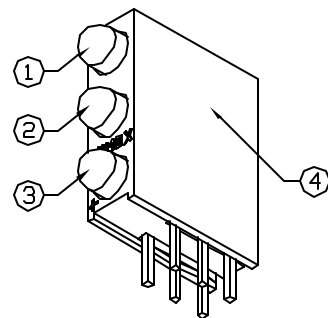
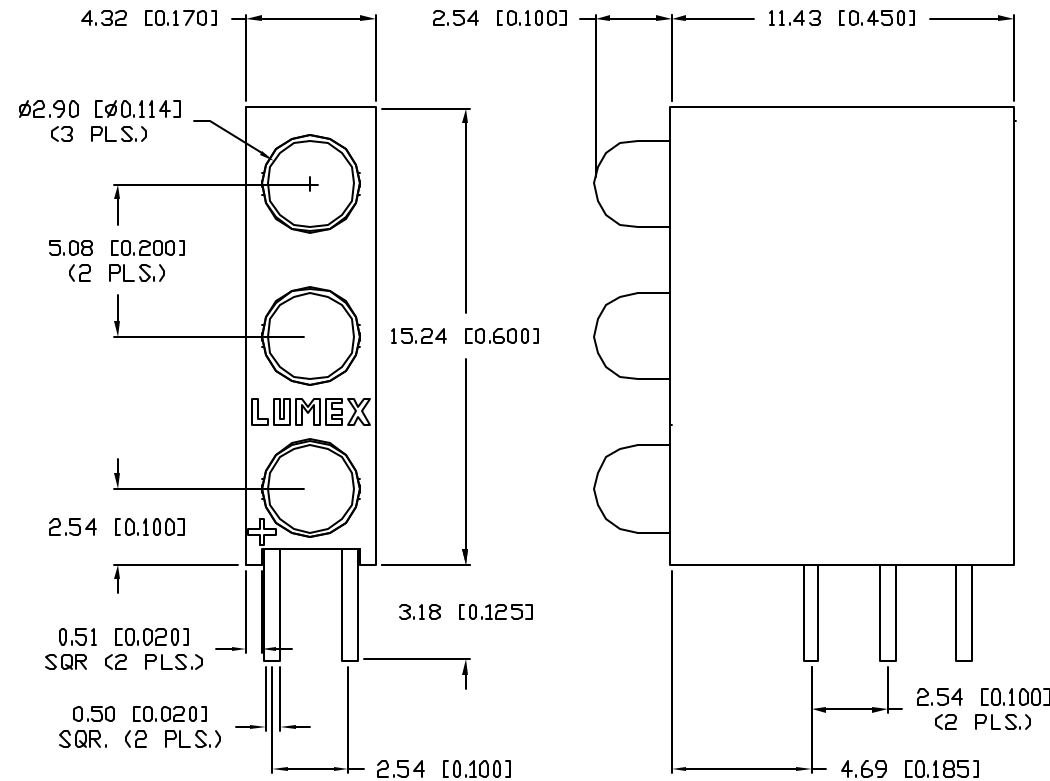
REV.

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	YELLOW	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	585	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	30	40	40	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	$2\times\theta$	
LED POSITION:	1	2	3		
EPOXY LENS FINISH:	POS. 1: YELLOW DIFFUSED POS. 2: GREEN DIFFUSED POS. 3: RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/G/R)	150/150/150	mA
STEADY CURRENT	(Y/G/R)	30/30/30	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. RED ANODE.
- B. RED CATHODE.
- C. GREEN ANODE.
- D. GREEN CATHODE.
- E. YELLOW ANODE.
- F. YELLOW CATHODE.

NOTES:

1. SSL-LX3044YD, YELLOW LED.
2. SSL-LX3044GD, GREEN LED.
3. SSL-LX3044RD, RED 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.=+0.00 PRECISION -0.00, MAX.=+0.00 PRECISION -0.00

REV.

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SSF-LXH340YGD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS. 1: 585nm YELLOW LED,
POS. 2: 565nm GREEN LED, POS. 3: 635nm RED 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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PAGE: 1 OF 1

SCALE: N/A