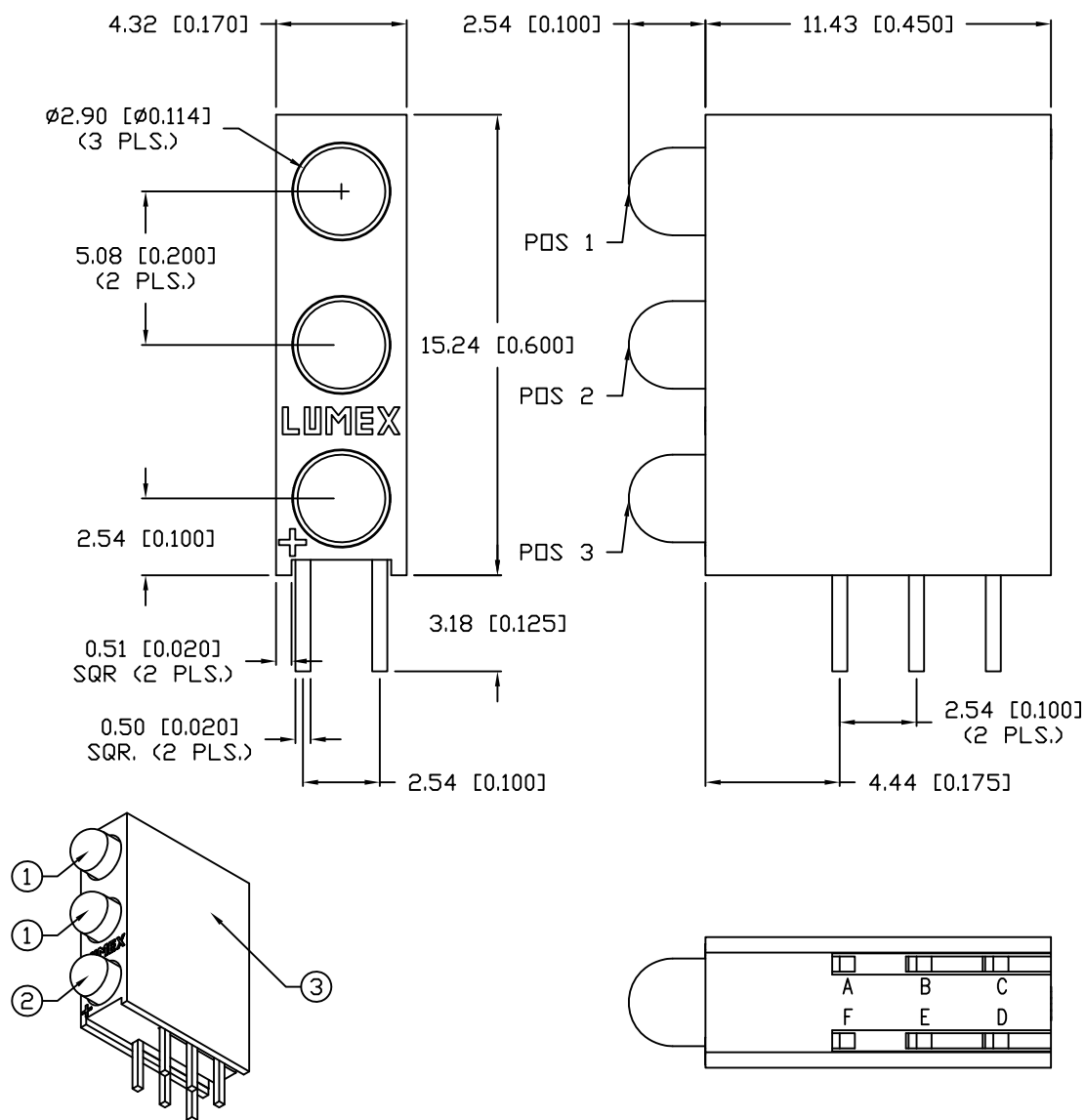


PART NUMBER	SSF-LXH340YGYGWID	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
12.06.12	E.C.N. #10BRDR. & REDRAWN.		
		REV.	A

[A]

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

PARAMETER	YELLOW	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	590	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	30	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1~2	1~2	3		
EPOXY LENS FINISH: POS.1~2: MILKY WHITE, POS.3: RED DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G/R)	30/25/30	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:

1. SSL-LX3044YGW, YELLOW/GREEN LED. (2 PCS.)
2. SSL-LX3044ID, RED LED.
3. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

POLARITY:

A: RED CATHODE
 B,C: GREEN ANODE
 D,E: YELLOW ANODE
 F: RED ANODE

*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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER, POS.1~2: Y/G, MILKY WHITE DIFF, POS.3: RED, RED DIFF.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	12.06.12	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(Pb)