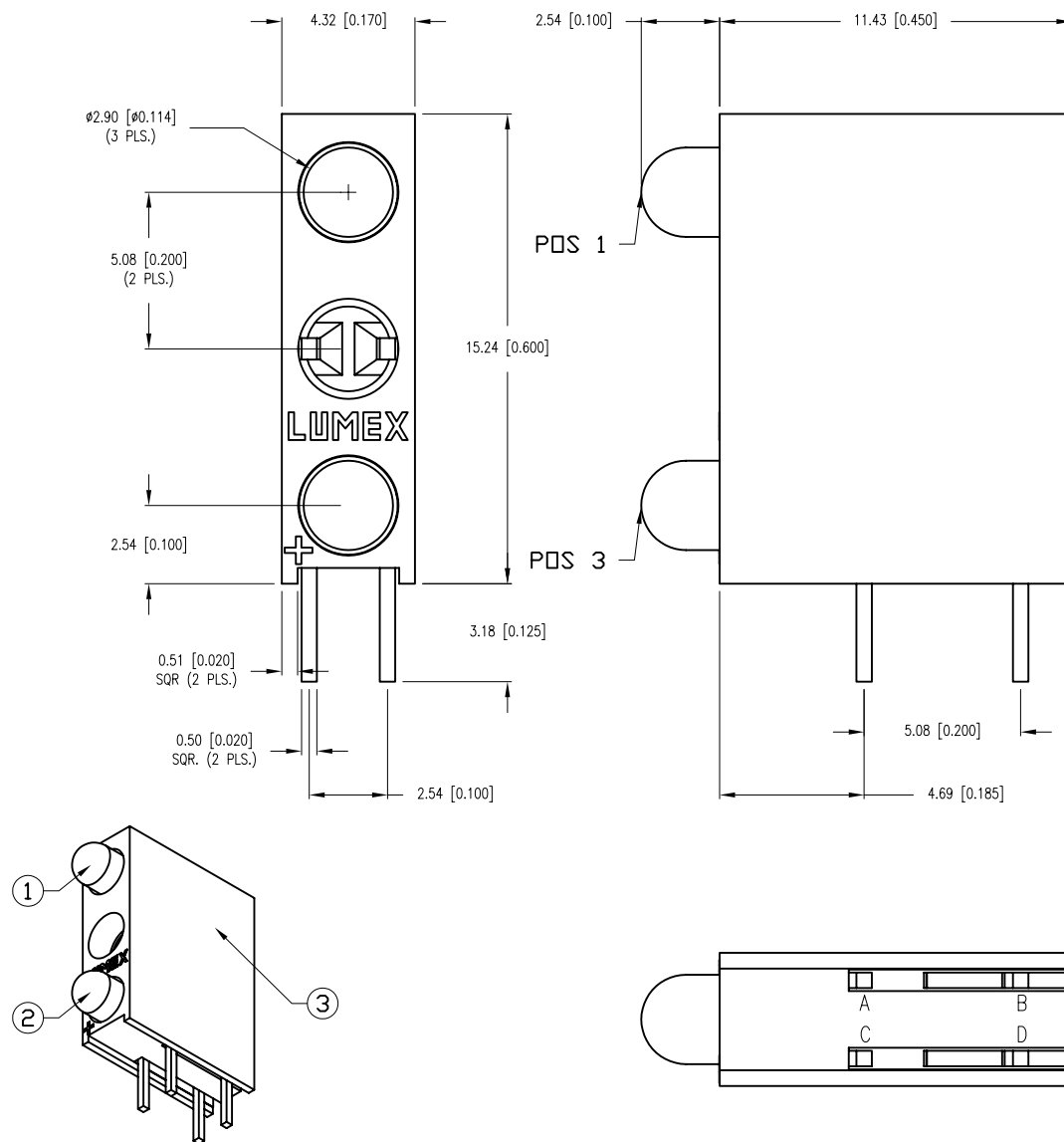


PART NUMBER	SSF-LXH340YGWXAD	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.02.11	E.C.N. #10BRDR.		A

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

PARAMETER	YELLOW	GREEN	AMBER	UNITS	TEST COND
PEAK WAVELENGTH	585	565	605	nm	
FORWARD VOLTAGE (TYP)	2.1	2.2	2.1	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	15	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION	1	1	3		
EPOXY LENS FINISH: POS 1: MILKY WHITE, POS 3: AMBER DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G/A)	30/25/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC.

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

NOTES:

1. SSL-LX3044YGW, YELLOW/GREEN LED.
2. SSL-LX3044AD, AMBER LED.
3. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

POLARITY:

- A: AMBER CATHODE
 B: GREEN ANODE
 C: AMBER ANODE
 D: YELLOW 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= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX= $\begin{smallmatrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

UNCONTROLLED DOCUMENT



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T-3mm (T-1) RT ANGLE FAULT INDICATOR HOLDER, 585/565/605nm YELLOW/GREEN/AMBER LED.

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

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DATE:	12.02.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓢ