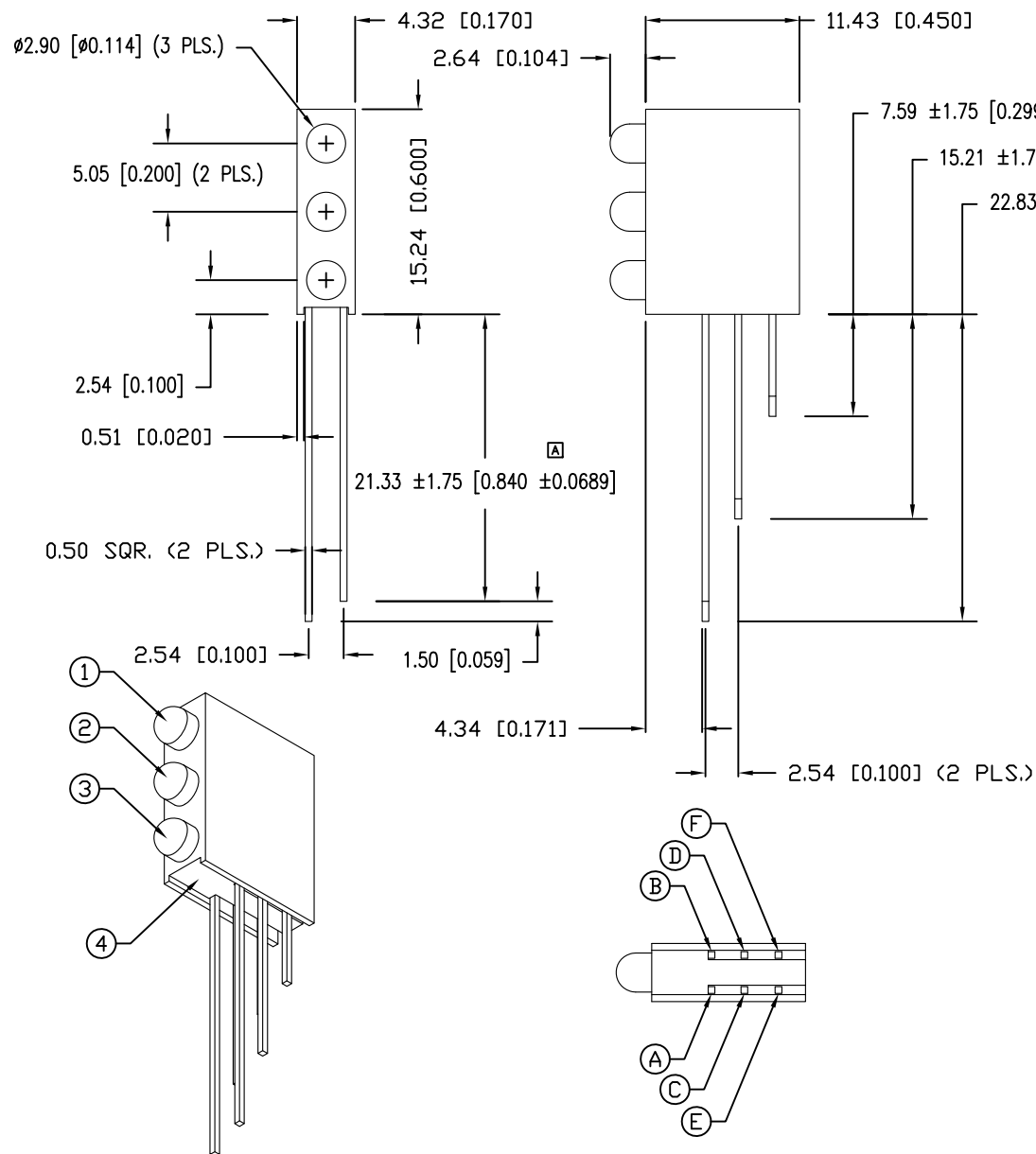


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSF-LXH340GDYGSBUC		A
DATE	E.C.N. NUMBER AND REVISION	COMMENTS
5.13.15	E.C.N. #11938	

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	2x theta	
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	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: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN.=+DECIMAL PRECISION MAX.=+0.00
-0.00

REV. A PART NUMBER SSF-LXH340GDYGSBUC

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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.

LUMEX
Creating LED and LCD Solutions Together™

425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: +1.800.278.5666
FAX: +1.630.315.2152
WEB: WWW.ITWECSS.COM

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 01.16.07
PAGE: 1 OF 1
SCALE: N/A