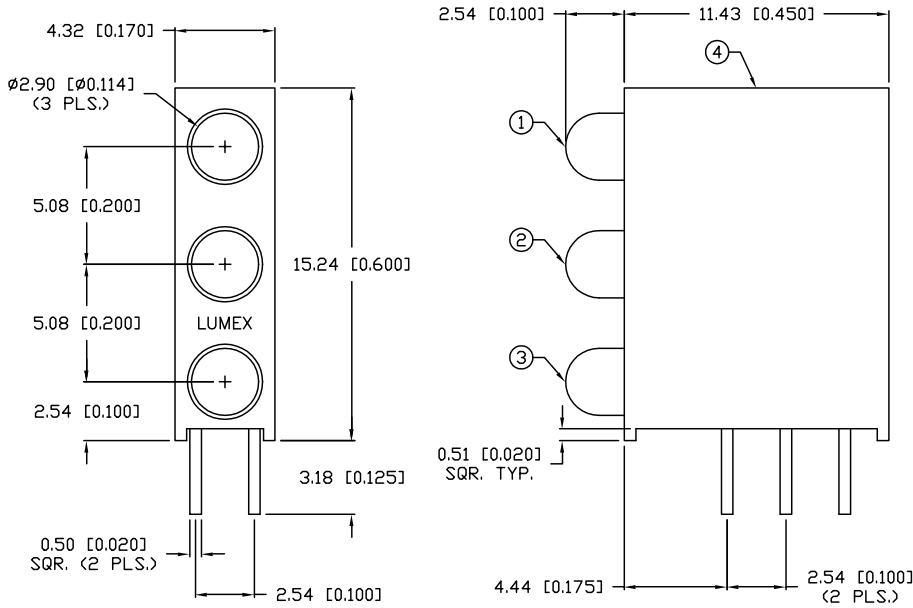


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSF-LXH340LIDIGIGW		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10598./	3-3-00



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

PARAMETER	RED	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	V_f	
REVERSE VOLTAGE (TYP.)	5.0	5.0	5.0	V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (TYP.)	20	20	20	mcd	$I_f=20\text{mA}$
AXIAL INTENSITY (MIN.)	1.0	1.0	1.0	mcd	$I_f=2\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2,3	2,3		
EPOXY LENS FINISH: POS.1: GREEN DIFFUSED, POS.2&3: MILKY WHITE DIFFUSED					

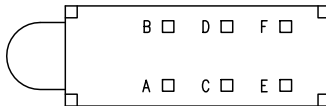
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1. SSL-LX3044LGD, LOW CURRENT RED LED, RED DIFFUSED LENS.
2. SSL-LX3044LIGW, LOW CURRENT RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.
3. SSL-LX3044LIGW, LOW CURRENT RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.



PIN-OUT:

- A: RED ANODE
- B: GREEN ANODE
- C: RED ANODE
- D: GREEN ANODE
- E: RED ANODE
- F: RED CATHODE

*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 LENGTH=±0.75 (±0.030). MIN.=^{+0.00}_{-0.00} DECIMAL PRECISION MAX.=^{+0.00}_{-0.00} DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV. A	PART NUMBER SSF-LXH340LIDIGIGW	<p>CONFIDENTIAL INFORMATION</p> <p>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.</p> <p>RELIABILITY NOTE</p> <p>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.</p>	<p>LUMEX INCORPORATED</p> <p>290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359-2790 WEB: http://www.lumex.com</p>
T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER, ALL LOW CURRENT, POS.1: RED DIFFUSED LED, POS.2,3: RED/GREEN BICOLOR, MILKY WHITE DIFFUSED.	DRAWN BY: VA/BC	CHECKED BY:	APPROVED BY: DATE: 11-29-99
			PAGE: 1 OF 1 SCALE: N/A