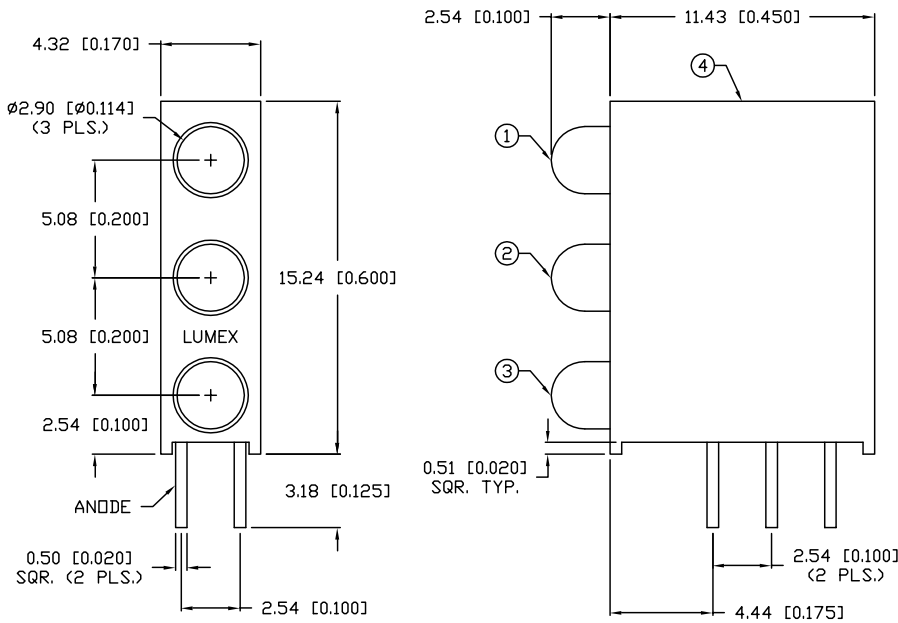


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH340LGGDIGW

REV.



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

PARAMETER	GREEN	RED	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	565	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.6	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.)	30	20	20	mcd	$I_f=20\text{mA}$
AXIAL INTENSITY (MIN.)	1.0			mcd	$I_f=2\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1,2	3	3		

EPOXY LENS FINISH: POS. 1,2: GREEN DIFFUSED, POS. 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 GREEN LED, GREEN DIFFUSED LENS.
2. SSL-LX3044LGD, LOW CURRENT GREEN LED, GREEN DIFFUSED LENS.
3. SSL-LX3044IGW, RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

*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.=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER SSF-LXH340LGGDIGW	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.		290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER, POS. 1,2 LOW CURRENT GREEN, GREEN DIFFUSED LENS. POS.3: RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED.		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.	DRAWN BY: GK/CT	CHECKED BY: APPROVED BY: DATE: 2.7.01 PAGE: 1 OF 1 SCALE: N/A