



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (YELLOW)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (V _f)		2.1/2.2	2.5/2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE (V _r)		5.0		V _r	$I_f=20\text{mA}$
AXIAL INTENSITY (Y/θ)		1.0/0.8	25/20	mcd	$I_f=2\text{mA}$
VIEWING ANGLE (Y/θ)			80	2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/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. SSH-LXH303M HOLDER.
 2. SSL-LX3064LYGW, YELLOW/GREEN BICOLOR LED.

UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= -0.00, MAX= +0.00, DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	
	SSF-LXH303MLYGW/4	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.	
T-3mm (T-1)	MATING, RIGHT ANGLE FAULT INDICATOR, LOW CURRENT OPERATION, YELLOW/GREEN BICOLOR LED, MILKY WHITE DIFFUSED.	REMARKS 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:	CHECKED BY:	APPROVED BY:	DATE:
CT			01.02.01
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			SCALE: N/A



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