



ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C I_F=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		590 (YELLOW)		nm	
FORWARD VOLTAGE		2.0	2.4	V _F	I _F =100µA
REVERSE VOLTAGE		5.0		V _R	I _F =20mA
AXIAL INTENSITY			250	mcd	
VIEWING ANGLE			80	2x theta	
EMITTED COLOR:		RED/YELLOW			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		30	mA
POWER DISSIPATION		100	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX
* t<10µs			

- NOTES:
1. SSL-LX30S9SISYW RED/YELLOW LED.
 2. SSH-LXH409 HOLDER.

*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), UNITS = +0.001 -0.001 DECIMAL PRECISION

PART NUMBER

SSF-LXH409SISYW

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REMARK: 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.



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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
CT			2.28.01
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			SCALE: N/A

REV.

T-3mm 3-LEADED, BI-COLOR LED,
636nm RED/590nm YELLOW, MILKY WHITE DIFFUSED.