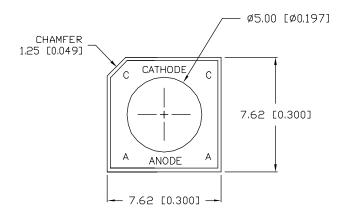
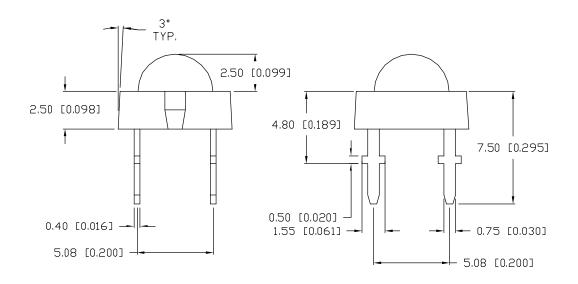
SSL-LX50448SYC



ACIENISTIC	3 IA=23C		I f=70mA	
MIN	TYP	MAX	UNITS	TEST COND
	591		nm	
2.1	2.6	3.1	٧f	$I_f = 70 \text{mA}$
5.0			V_r	Ir=10µA
4500	6600	9000	mlm	$I_f = 70 \text{mA}$
	95		2x theta	
/ELLOW				
VATER CLE	AR			
	2.1 5.0 4500	MIN TYP 591 2.1 2.6 5.0 4500 6600 95	591 2.1 2.6 3.1 5.0 4500 6600 9000 95	MIN TYP MAX UNITS 591 nm 2.1 2.6 3.1 Vf 5.0 Vr 4500 6600 9000 mlm 95 2x theta



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	70	mA
POWER DISSIPATION	220	mW
DERATE FROM 25°C	- 2.0	mW/ ' C
OPERATING, STORAGE TEMP.	-40 TO +100	•C
SOLDERING TEMP.	+ 260	° C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.000). MIN=+DECIMAL PRECISION MA

REV. PART NUMBER SSL-LX50448SYC

> 7.6 x 7.6mm LED, AllnGaP YELLOW LED, WATER CLEAR LENS.

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RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT



JN

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> APPROVED BY: DATE: 11.10.08 PAGE: 1 OF 1 SCALE: N/A

SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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