UNCONTROLLED DOCUMENT		<i>sc:0.50</i> part number SSL—LX509E3SYT					REV.
		PREL	LIMINAR	Y IN	P/N	DIR	
Ø5.00 [Ø0.197]		electro-optical cf parameter peak wavelength	HARACTERISTICS TA MIN TYP 590	MAX	f=20mA UNITS nm	TEST COND	
	8.70 [0.343]	FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE X VIEWING ANGLE Y EMITTED COLOR: EPOXY LENS FINISH:	2.0 5.0 750 50 30 YELLOW	) 2.5	Vf Vr mcd 2x theta 2x theta	I <sub>r</sub> =10µA I <sub>f</sub> = 20mA	
1.00 [0.039] MAX.	27.00 [1.063]	LIMITS OF SAFE OPE PARAMETER PEAK FORWARD CURI STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE SOLDERING TEMP. 2.0mm FROM BODY	RENT*	MAX 150 30 125 - 1.2 - 40 TO + + 260		UNITS mA mW mW/*C *C *C 3 SEC. MAX	
ANDDE - 1.50 [0.059 0.50 [0.020] SQR. (2 PLS.) - 2.54 [0.100		* t<10µS			(	(Pb)	
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm1$ (±0.039)	), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005).	UN/( LEAD SIZE=±0.05 (±0.002), LI	CONTRC EAD LENGTH=±0.75 (±0.	7∠∠ <i>E</i> ∠ .030). min= +dec _0.00	MAL PRECISION	CUME7 max.= +0.00 -DECIMAL	NT PRECISION
rev. part number SSL—LX509E3SYT	<u>CONFIDENTIAL INFORMATION</u> 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 O IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	We Tame Photons To Work		90 E. HEL ALATINE, IL HONE: +1. S WEB: wv V WEB: wv	60067- 847.359.2 ww.lumex.c	2790 com	
T—5mm ELLIPTICAL DOME TOP LED, 590nm YELLOW LED, YELLOW TRANSPARENT LENS.	RELIABILITY NOTE 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: JN	CHECKED BY		ED BY: D/ P/		

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