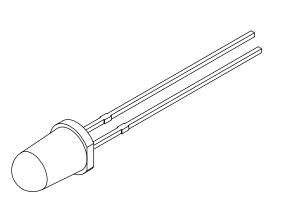
SSL-LX5093XUWC/A

REV.

- ø5.80 [ø0.228] → | Ø5.00 [0.197] |--4.40 [0.173] _{|-} 8.60 [0.339] 1.00 [0.039] --- 0.70 [0.028] MAX. ANODE -1.50 [0.059]

0.50 [0.020] (2 PLS.)



PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE		3.3	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY*	8000	13000		mcd	If=20mA
CHROMATICITY (X)		0.31			If=20mA
COORDINATES (Y)**		0.31			
VIEWING ANGLE		12		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CL	EAR			

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	•c
STORAGE TEMP.	-40 TO +85	*c
SOLDERING TEMP.	+260	.c
2.0mm FROM BODY	3	SEC. MAX.

* t<10µS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ LINICONTROLLED DOCLIMENT



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L 2.54 [0.100]

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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T-5mm (T-1 3/4) ULTRA WHITE LED, WATER CLEAR LENS

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	DATE:	05.16.11	DRAWN BY:	AB
	PAGE:	1 OF 1	CHKD BY:	KF
	SCALE:	NTS	APRVD BY:	BC
	UNIT: mm [INCH]		Pb	