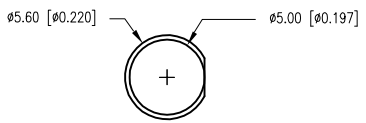
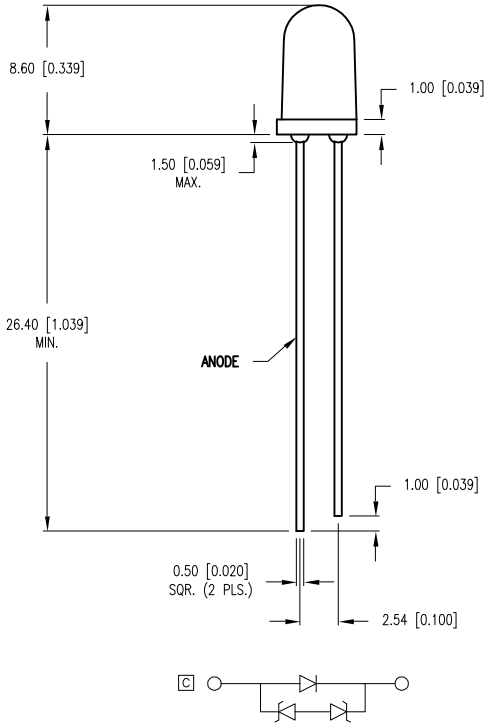
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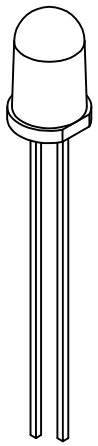
PART NUMBER	SSL-LX5093XUWC	REV.	D

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
04.27.89	E.C.N. #10509.	A
05.18.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	B
01.06.06	E.C.N. #11283.	C
10.30.06	E.C.N. #11148.	D

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







A ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			550 (WHITE)		nm	
FORWARD VOLTAGE	V_f		3.6	4.0	V	I_f=20mA
REVERSE VOLTAGE	V_r	5			V	I_r=10µA
AXIAL INTENSITY(*1)	I_v		2300		mcd	I_f=20mA
CHROMATICITY COORDINATES(*2)	X		0.29			I_f=10mA
	Y		0.30			
VIEWING ANGLE			15		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	WATER CLEAR					

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_P	100*	mA
STEADY CURRENT	I_F	30	mA
POWER DISSIPATION	P_D	120	mW
OPERATING TEMP.	T_{OPR}	-30 TO +80	°C
STORAGE TEMP.	T_{STG}	-40 TO +100	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

*DUTY 1/10 PULSE WIDTH 10ms

*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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

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

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DATE:	10.30.06	DRAWN BY:	JC
PAGE:	1 OF 2	CHKD BY:	--
SCALE:		APRVD BY:	BC
UNIT:	mm [INCH]	Pb	