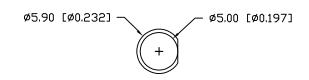
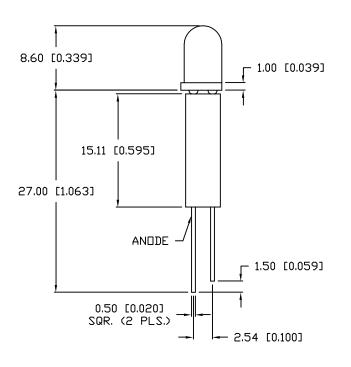
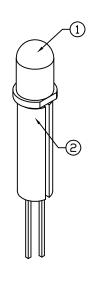
SSS-LX5093GT-595B







ELECTRO-OPTICAL C	HARACTERI	STICS TA=25°C		$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	v_f	
REVERSE VOLTAGE	5.0			v_r	Ir=100µA
AXIAL INTENSITY		50		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	TRANSPARENT			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	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-LX5093GT
- 2. SSS-LX595B5, 0.595" LONG BLOCK PVC SPACER.



UNCONTROLLED DOCU *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECIS

REV.

PART NUMBER SSS-LX5093GT-595B

T-5mm (T-1 3/4) 565nm GREEN LED, GREEN TRANSPARENT LENS, WITH 0.595" SPACER.

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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:

11.27.07 PAGE: 1 OF 1 SCALE: N/A