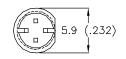
DATE	REVISIONS	REV

DRAWING NUMBER SSS-LX5093SRD-250B

5.0 (.197) 8.6 (.339) 6.35 (.250) 25.4 MIN (1.00) 27.4 MIN (1.08)ANODE -0.5 SQ --(.020) - 2.54 (1.00)2 PLS



## NOTES:

- 1. SSL-LX5093SRD LED.
- 2. SSS-LX250B5. .250" LONG BLACK PVC SPACER.

## 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.

## ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^{\circ}C$ $I_f = 20$ mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR EPOXY LENS FINISH	4.0 RED RED DI	660 (RED) 1.7 100 60 FFUSED	2.2	nm V <sub>f</sub> V <sub>r</sub> mcd 2x theta	I <sub>r</sub> = 100 uA I <sub>f</sub> = 20 mA

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP LEAD SOLDERING TEMP 2.0mm FROM BODY	150 30 100 -1.3 -40 TO +85 +260	mA mA mW mW/*C *C *C 3 SEC. MAX

<sup>\*</sup> t<10uS



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790

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APPD: DWN: CHK'D: DATE: 7-17-95 SCALE: N/A

T-5 (T1-3/4) SUPER RED DIFFUSED WITH .250" SPACER ATTACHED

DRAWING NUMBER PAGE 1 OF 1 SSS-LX5093SRD-250B

REV