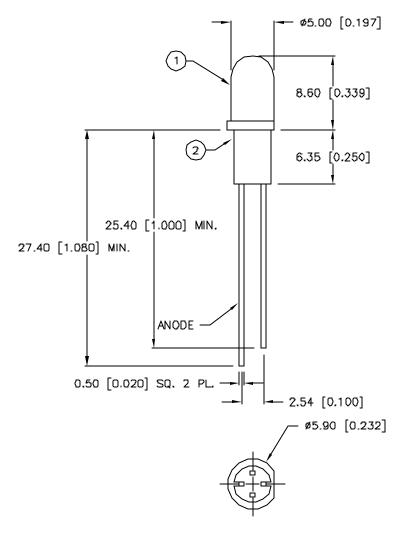
DRAWING NUMBER SSS-LX5093YD-250B

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NOTES;

- 1. SSL-LX5093YD 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	5.0 YELLOW YELLOW	585 (YELLOW) 2.0 20.0 80 DIFFUSED	2.8	rim V f V r mcd 2x theta	l r = 100 uA l _f = 20 mA

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mΑ
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW∕°C
OPERATING, STORAGE TEMP	-40 TO +85	.Ç
LEAD SOLDERING TEMP	+260	.c
2.0mm FROM BODY		3 SEC. MAX

* t<10uS



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DATE: 1-19-96 DWN: CHK'D: APPD:

SCALE: N/A

T-5 (T-1 3/4) LED, YELLOW DIFFUSED WITH .25D" SPACER

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