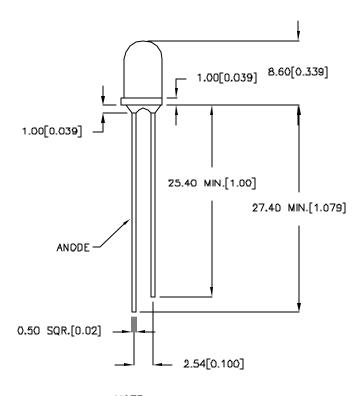
drawing number SLX—LX5093YD REV

# Ø5.90[Ø0.197]



NOTE
1. LED LEADS SILVER.

### ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If =20mA

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		2.8	nm V <sub>f</sub> V <sub>r</sub> mcd 2x theta	I <sub>r</sub> =100uA I <sub>r</sub> =20mA

### 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 3D 105 -1.2 -4D TO +85 +260	mA mA mW mW/*C *C *C 3 SEC. MAX

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

#### 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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (B47) 359-2790

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DATE: 11-21-96 DWN: CHK'D: APPD: SCALE: N/A

T5mm (T-1 3/4) LED, YELLOW DIFFUSED

PAGE 1 OF 1 SLX—LX5093YD REV

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