DRAWING NUMBER
SLX—LX5093GD

REV

## ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25$ °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 GREEN GREEN	565 (GREEN) 2.1 25 60 DIFFUSED	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 25 105 -1.2 -4D TO +85 +260	mA mA mW mW/°C °C 3 SEC. MAX

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

## RELIABILITY NOTE:

DUR 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.



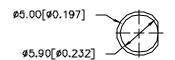
290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (B47) 359-2790

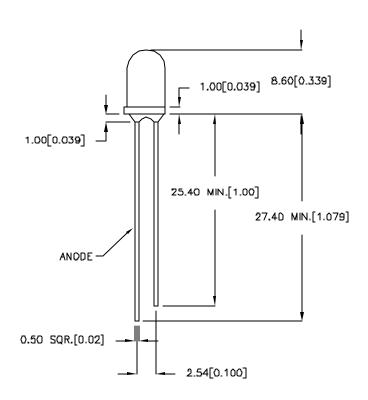
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DATE:	11-21-96	DWN:	CHK'D:	APPD:
SCALE:	N/A			

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

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NOTE
1. LED LEADS SILVER.

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