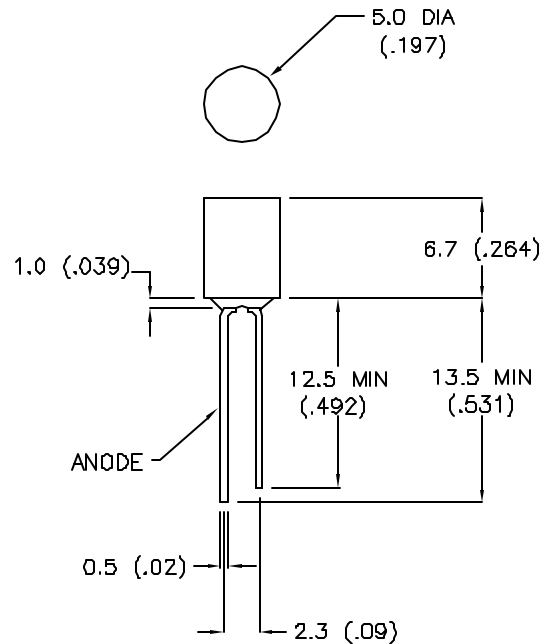


DATE	REVISIONS	REV
2-10-95	UPDATED SPECS./	A

DRAWING NUMBER	REV
SSL-LX50FT2GD	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		5		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR :	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

Ⓐ 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/ $^\circ\text{C}$
OPERATING/STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

* $t < 10\mu\text{s}$

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.

LUMEX
OPTO COMPONENTS INC.

292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 4-10-92	APPROVED BY:	DRAWN BY:
SCALE: N/A		

T-5 (T-1 3/4) FLAT TOP FLANGELESS LED, GREEN DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER SSL-LX50FT2GD	REV A
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LX50FTAB