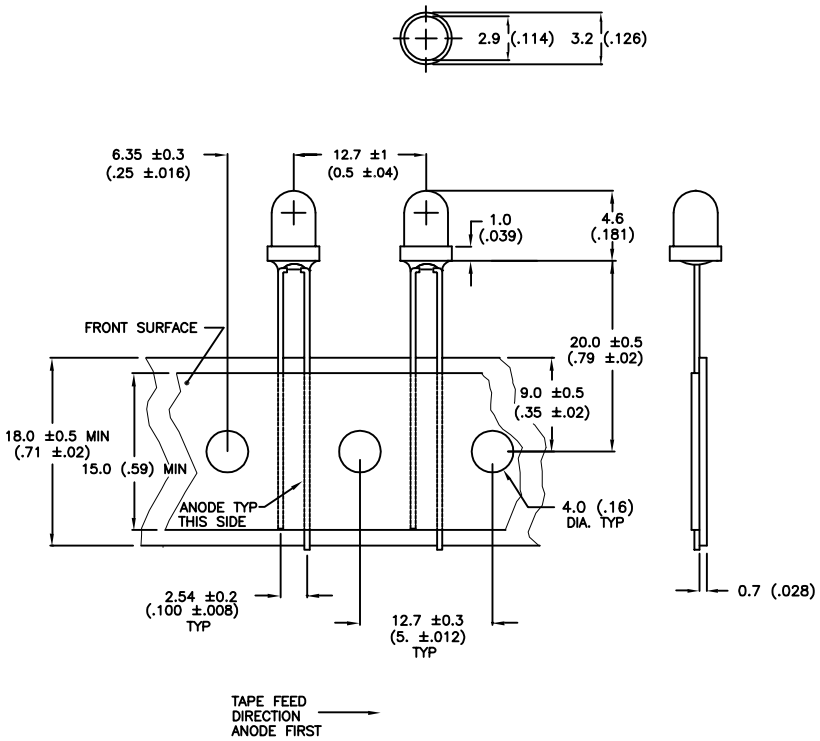
DATE	REVISIONS	REV
11–28–94	REDRAWN, UPDATED SPECS./	A
4–23–96	E.C.N. #10152./	B

DRAWING NUMBER SSL–LX3044LGD–TR REV B



TOLERANCE: ±0.2 (±.008)

NOTES
1. 2K PER REEL.

ELECTRO–OPTICAL CHARACTERISTICS T_A =25°C I_f =20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		15		mcd	I_f=20mA
	1.5			mcd	I_f= 2 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 55°C	–1.2	mW/°C
OPERATING, STORAGE TEMP	–40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* 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.

LUMEX OPTO COMPONENTS INC.
292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359–2790

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DATE: 8–24–93	DWN:	CHK'D:	APPD:
SCALE: N/A			

T–3 (T–1) LED, GREEN DIFFUSED,
SPECIAL LOW CURRENT, TAPE AND REEL

DRAWING NUMBER SSL–LX3044LGD–TR REV B

CK/MS