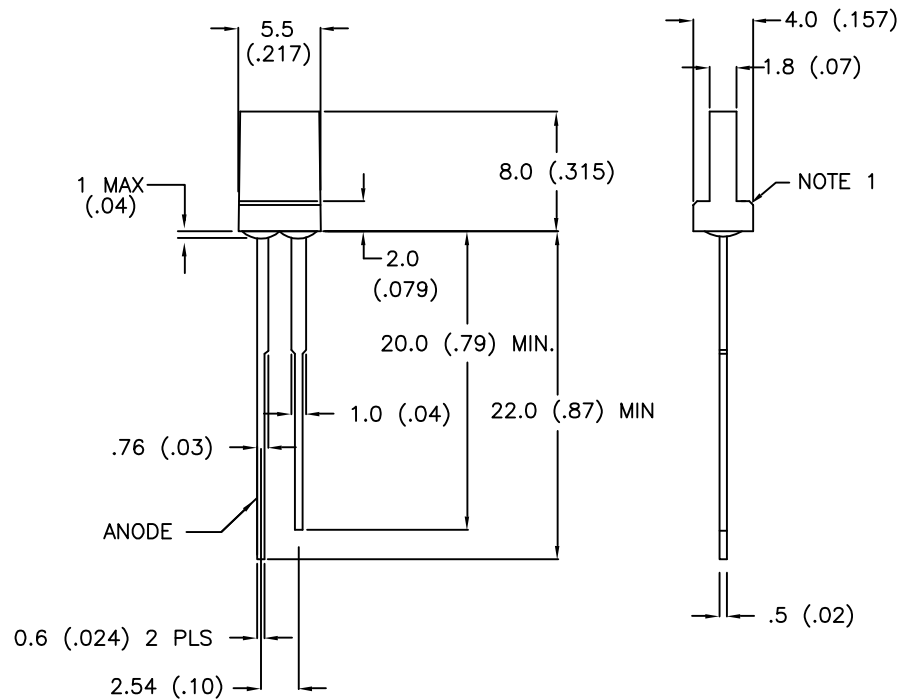


DATE	REVISIONS	REV
1-4-94	REDRAWN & UPDATED SPECS./	A

DRAWING NUMBER	REV
SSL-LX2581GD	A



ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.0	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		4		mcd	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR :	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

Ⓐ LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25 °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<10μS

TOLERANCE: ±0.2 (±0.01)

NOTES:

- CORNER CAN BE SQUARE OR SLIGHTLY CHAMFERED.

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.

LX2581AA

		292 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (708) 359-2790	
DATE: 2-24-93	APPROVED BY:	DRAWN BY:	
SCALE: N/A			
2.5 X 5 mm RECTANGULAR LED WITH SHOULDER, GREEN DIFFUSED			
PAGE 1 OF 1	DRAWING NUMBER SSL-LX2581GD		REV A