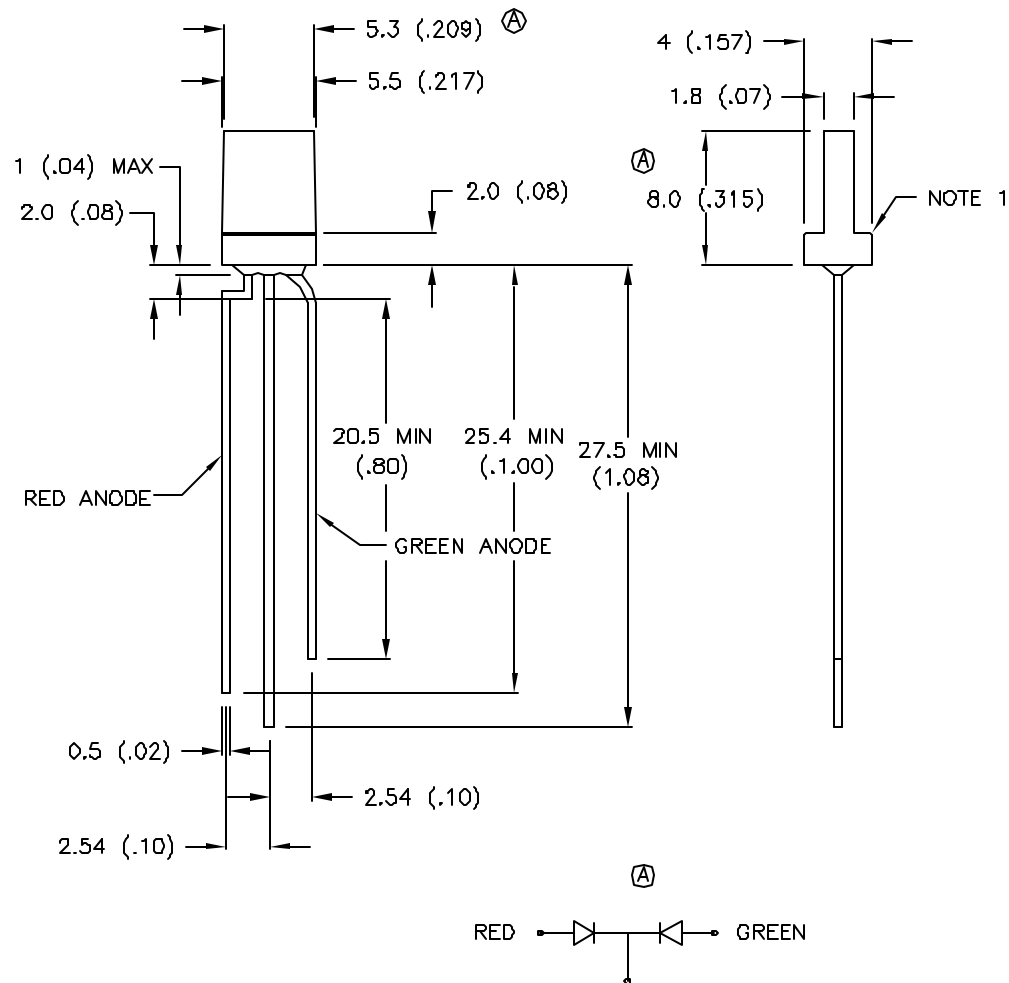


DATE	REVISIONS	REV
12-16-94	UPDATED SPECS., ADDED DIMS., SCHEM./ REDRAWN	A

DRAWING NUMBER	REV
SSL-LX2589IGW	A



NOTES:

- CORNER CAN BE SQUARE OR SLIGHTLY CHAMFERED.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (I/G)	2.1	2.8		V	
AXIAL INTENSITY (I/G)	5.0			mcd	If=20mA
VIEWING ANGLE	60			2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

A LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (I/G) *	150/150	mA
STEADY CURRENT (I/G)	30/25	mA
POWER DISSIPATION (I/G)	105/105	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<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.



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

DATE: 12-8-92	APPROVED BY:	DRAWN BY:
SCALE: N/A		

2 X 5 mm RECTANGULAR LED WITH SHOULDER,
BI-COLOR, MILKY WHITE DIFFUSED

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LX2589AA