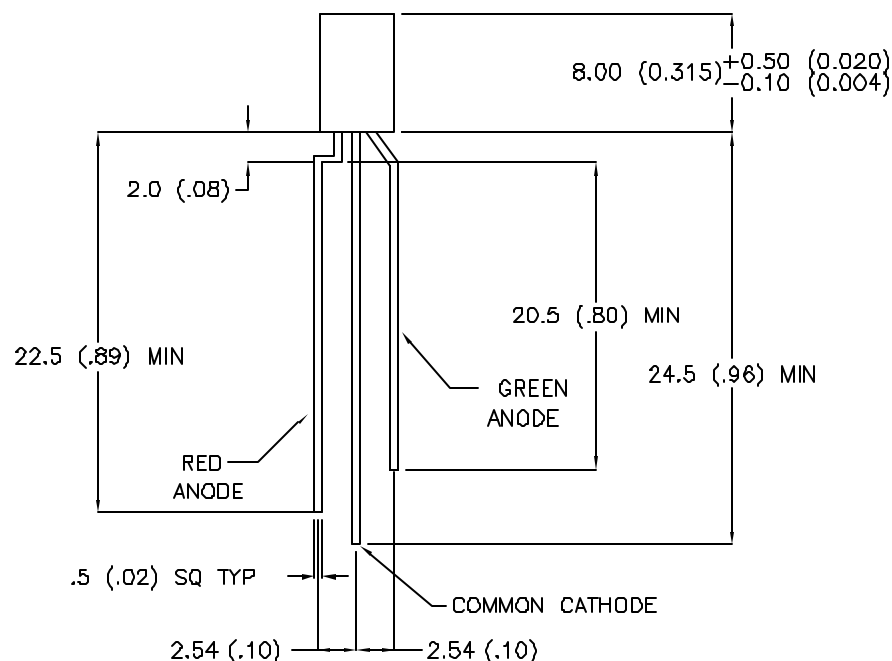
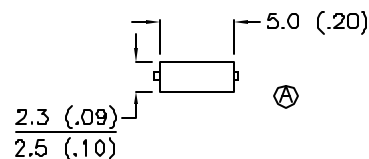


DATE	REVISIONS	REV
8-5-95	ADDED LEADS IN TOP VIEW, UPDATED SPECS./	A

DRAWING NUMBER	REV
SSL-LX25599IGW	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25\text{ }^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		14/8		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR :	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE TOP DIFFUSED				

Ⓐ LIMITS OF SAFE OPERATION AT 25 °C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(R/G)	150/150	mA
AVG FORWARD CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/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	

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

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.



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

DATE: 7-17-92	APPROVED BY:	DRAWN BY:
SCALE: N/A		

2.5 X 5 mm RECTANGULAR LED, BICOLOR RED/GREEN

PAGE 1 OF 1	DRAWING NUMBER SSL-LX25599IGW	REV A
-------------	----------------------------------	----------