

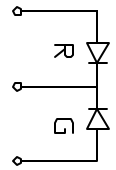
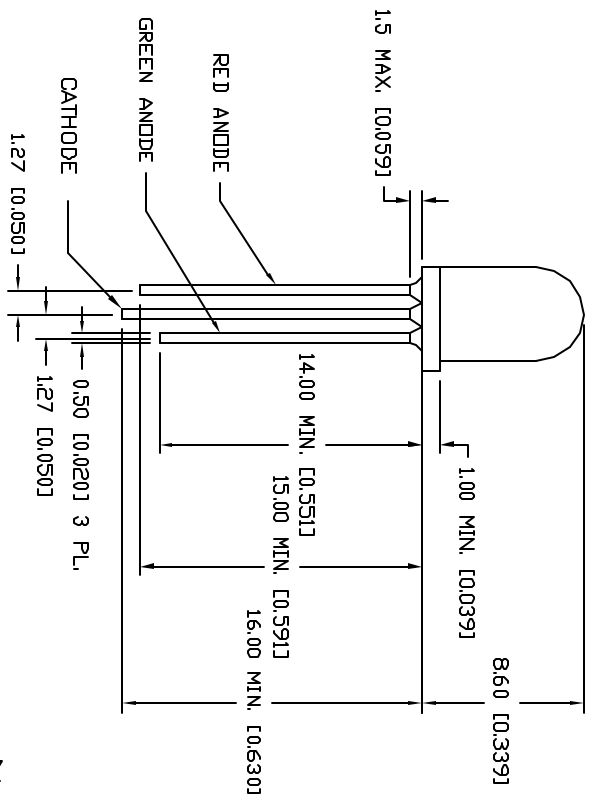
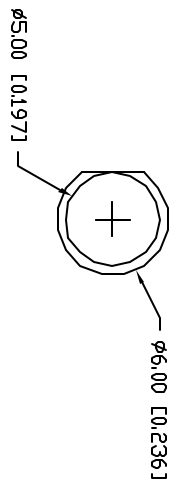
DATE

REVISIONS

REV

DRAWING NUMBER
SSL-LX50971GW

REV



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	MAX	UNITS	TEST COND
PEAK WAVELENGTH	585 (GREEN)	635 (RED)	nm	
FORWARD VOLTAGE (R/G)	2.1	2.8	V _f	I _r =100 μA
REVERSE VOLTAGE	5.0		V _r	I _f =20 mA
AXIAL INTENSITY (R/G)	20		med	
VIEWING ANGLE	60		2x theta	
EMITTED COLOR	RED/GREEN			
EPOXY LENS FINISH	MILKY WHITE	DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(R/G)	160	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION(R/G)	100	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

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DATE:	4-28-96	DWN:		CHK'D:		APP'D:	
SCALE:	N/A						

T-5 (T-1 3/4) LED, BICOLOR RED/GREEN, MILKY WHITE DIFFUSED, .05 LEAD CENTERS, COMMON CATHODE

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