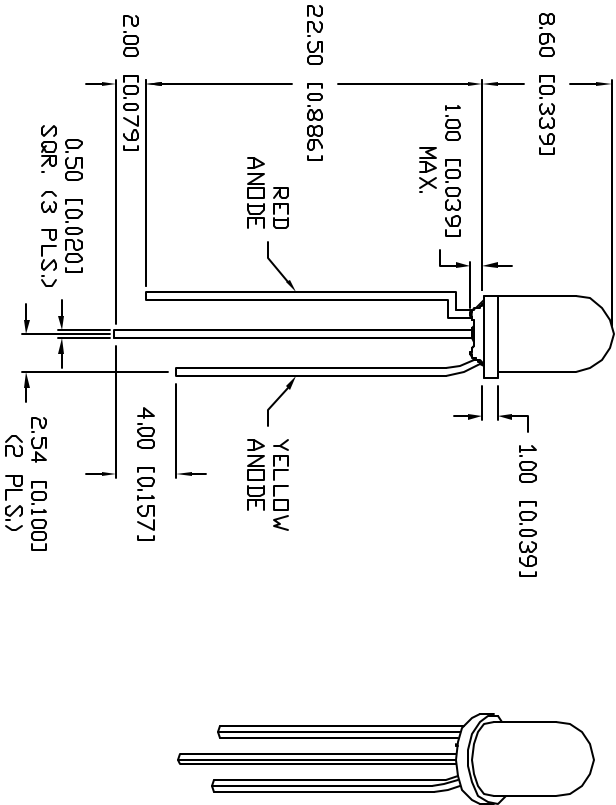
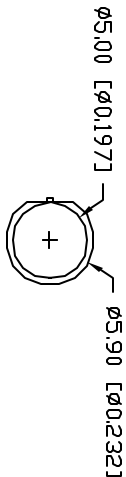




ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C					
I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		590 (YELLOW)		nm	
FORWARD VOLTAGE (V _F)		2.0/2.1	2.5	V _F	I _f =100μA
REVERSE VOLTAGE		5.0		V _R	I _f =20mA
AXIAL INTENSITY (R/Y)		1200/700		mcd	I _f =20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:		RED/YELLOW			
EPOXY LENS FINISH:		WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	COLORS	MAX	UNITS	
PEAK FORWARD CURRENT*		150	mA	
STEADY CURRENT		30	mA	
POWER DISSIPATION	(R/Y)	105/125	mW	
DERATE FROM 25°C		-1.2	mW/°C	
OPERATING, STORAGE TEMP.		-40 TO +85	°C	
SOLDERING TEMP.		+260	°C	
2.0mm FROM BODY			3 SEC. MAX	

* t<10μs

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), XX=±0.5 (+0.020), XXX=±0.25 (+0.010), XXXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

REV. PART NUMBER

SSL-LX5099SISYC/R

T=5mm, 3 LEADED BICOLOR LED,
636nm SUPER HIGH INTENSITY RED/590nm SUPER YELLOW,
WATER CLEAR LENS.

CONFIDENTIAL INFORMATION

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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.



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			SCALE: N/A