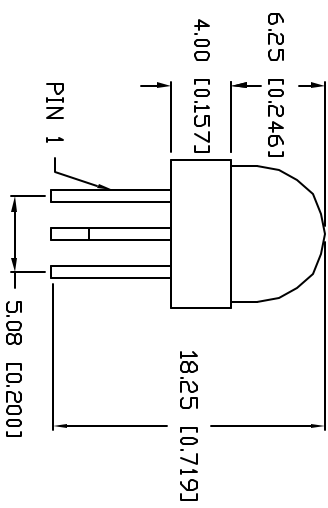
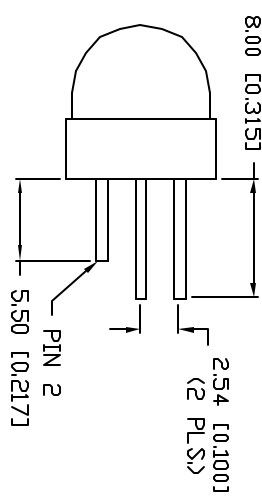
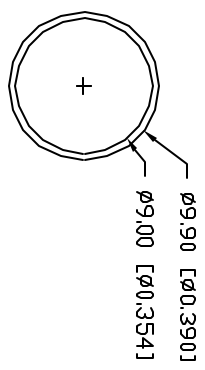


ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _r =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	626 (RED)			nm	
	525 (GREEN)			nm	
	470 (BLUE)			nm	
FORWARD VOLTAGE (R)	1.85			V _f	
	3.7			V _f	
	3.5			V _f	
REVERSE VOLTAGE (R)	5.0			V _r	I _f =100μA
AXIAL INTENSITY (R/G/B)	730/1500/1500			mcd	I _f =20mA
VIEWING ANGLE	60			2x theta	
EPOXY LENS FINISH: WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C PER CHIP			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G/B)	120/100/100	mA
STEADY CURRENT		30	mA
POWER DISSIPATION (R/G/B)		105/15/25	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

* I_c<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), MAX.=+0.00, -DECIMAL PRECISION

CONFIDENTIAL INFORMATION

PART NUMBER
SSP-LXC03551C

0.39" ROUND LED, RED, GREEN, BLUE,
4 LEADED, SINGLE LAMP, COMMON CATHODE.

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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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