DATE	REVISIONS		
3-18-98	E.C.N. #10BRDR. & REDRAWN./	Α	ì

DRAWING NUMBER	REV
SSL-LX5099SRSGC-CA	Α

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED) 65 (GREEN		nm nm	
FORWARD VOLTAGE(R/G) REVERSE VOLTAGE (R/G)		1.7/2.2		V <sub>f</sub> V <sub>r</sub>	Ir=100µA Ir=20mA
AXIAL INTENSITY (R/G) VIEWING ANGLE EMITTED COLOR: RE	D/GREE	500/140 30		mcd 2x theta	I <sub>r</sub> = 20mA
	TER CLI				

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	(R/G) (R/G)	150 30/25 100/105 - 1.2 -40 TO +85 +260	mA mW mW/°C °C °C 3 SEC. MAX

<sup>\*</sup> t<10µS

DU

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.



29D E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790 **(A)** 

CONFIDENTIAL INFORMATION

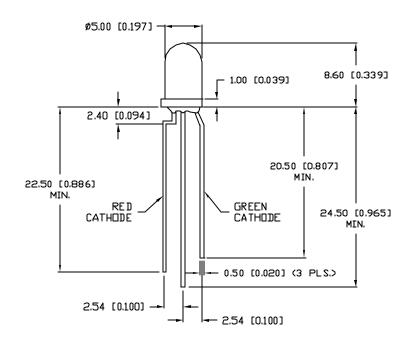
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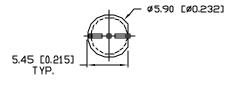
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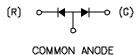
DATE:	8-31-95	DWN:	CHK'D:	APPD;
SCALE:	N/A			

T-5mm (T-1 3/4) LED, BICOLOR SUPER RED/SUPER GREEN, WATER CLEAR LENS, COMMON ANODE.

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PAGE	1	OF	1	SSL-LX5099SRSGC-CA	Α







UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.D10")

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