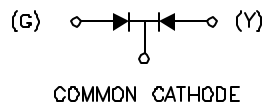
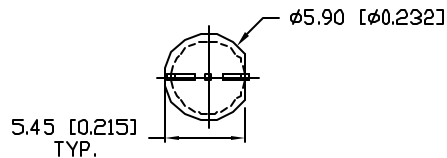
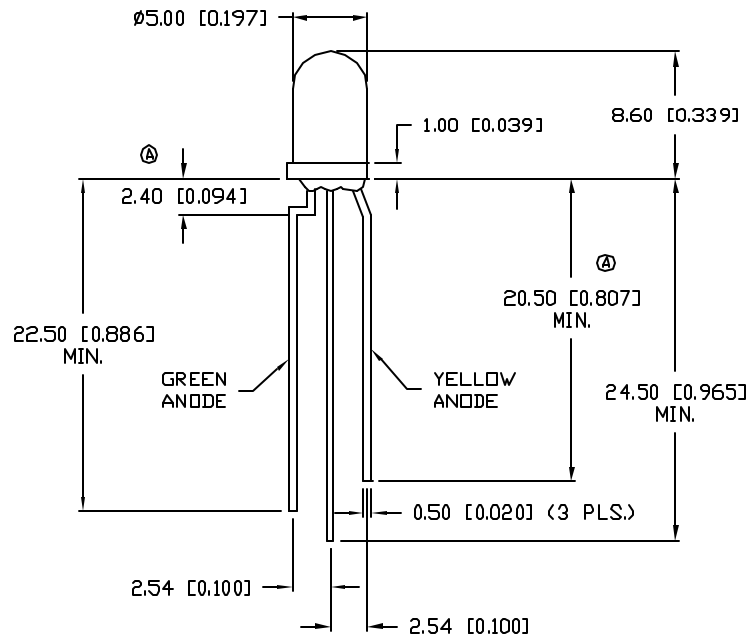


DATE	REVISIONS	REV
8-30-94	UPDATED SAFE OPER. SPECS.	A
4-5-95	UPDATED SPECS.	B
3-17-98	E.C.N. #10BRDR. & REDRAWN./	C

DRAWING NUMBER SSL-LX5099GYW	REV C
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UNCONTROLLED DOCUMENT



UNCONTROLLED DOCUMENT

UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN) 585 (YELLOW)		nm	
FORWARD VOLTAGE (G/Y)		2.2/2.1	2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (G/Y)		45/40		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		$2x$ theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

(B) LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLDERS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT (G/Y)		25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
(A) OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
(A) 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.

(C)

LUMEX INCORPORATED		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790	
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DATE: 4-27-94	DWN:	CHK'D:	APPD:
SCALE: N/A			
T-5mm (T-1 3/4) LED, GREEN/YELLOW BICOLOR, MILKY WHITE DIFFUSED LENS, COMMON CATHODE.			
PAGE 1 OF 1	DRAWING NUMBER SSL-LX5099GYW		REV C

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