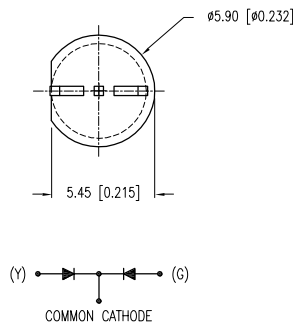
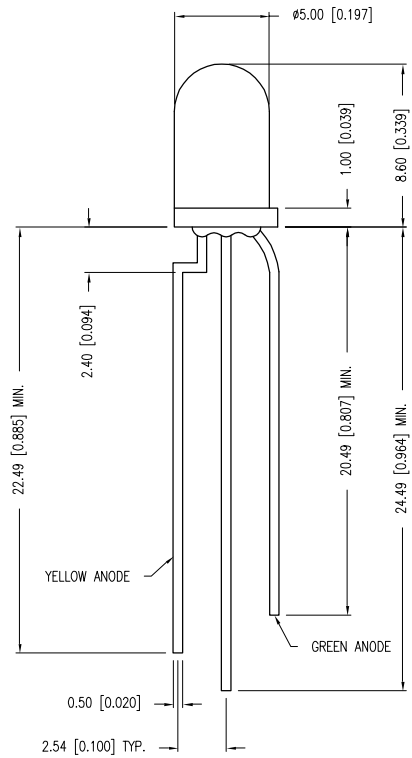


PART NUMBER	SSL-LX5099YGW/R	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.30.94	UPDATED SAFE OPERATION SPECS.		A
04.05.95	CHG'D SPECS.		B
03.17.98	E.C.N. #10BRDR. & REDRAWN.		C
02.05.07	E.C.N. #11148.		D



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

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

[B] LIMITS OF SAFE OPERATION AT 25°C

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

\*  $t < 10\mu\text{s}$

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= <sup>+DECIMAL PRECISION</sup> -0.00 MAX= <sup>+0.00</sup> -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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T-5mm (T-1 3/4) LED, YELLOW/GREEN BICOLOR, MILKY WHITE DIFFUSED LENS, COMMON CATHODE, REVERSE FLANGE

DATE:	08.23.92	DRAWN BY:	JC
PAGE:	1 OF 1	CHKD BY:	--
SCALE:		APRVD BY:	--
UNIT:	mm [INCH]		

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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