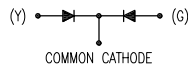
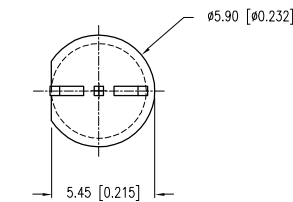
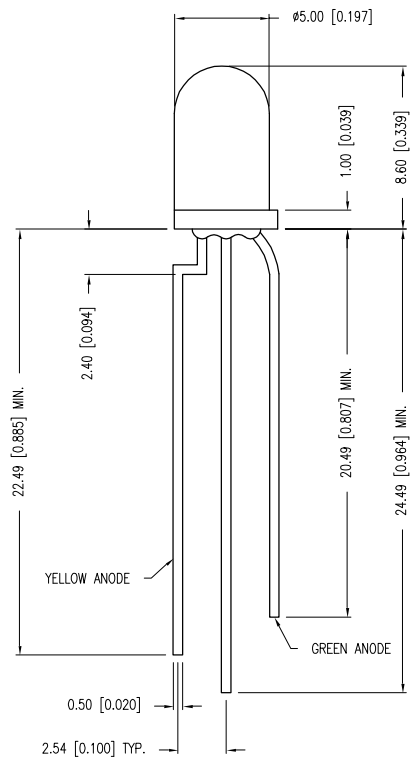


PART NUMBER	SSL-LX5099YGW/R	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.30.94	UPDATED SAFE OPERATION SPECS.		A
04.05.95	CHG'D SPECS.		B
03.17.98	E.C.N. #10BRDR. & REDRAWN.		C
02.05.07	E.C.N. #11148.		D



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 (V/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/ $^{\circ}\text{C}$
[A] OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
[A] 2.0mm FROM BODY		3 SEC. MAX
* $t<10\mu\text{s}$		

*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= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION



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

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

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