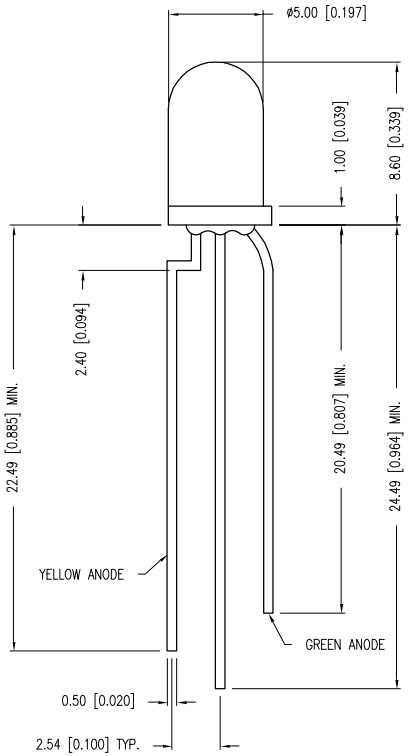
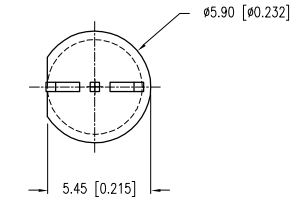
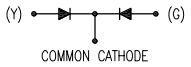
UNCONTROLLED DOCUMENT

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°C I_f=20mA

	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_r=100uA
	AXIAL INTENSITY (Y/G)		40/45		mcd	I_f=20mA
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<10uS

*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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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]	Pb	