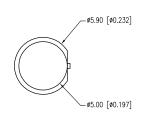
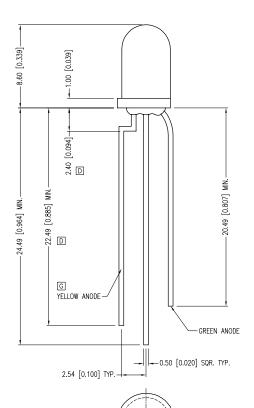
UNCONTROLLED DOCUMENT

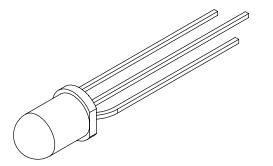




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- 5.45 [0.215] -

COMMON CATHODE



PART NUMBER	SSL-LX5099YGW F		G
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.31.94	UPDATED SAFE OPER. SPECA.		Α
02.01.95 UPDATED SPECS.			В
04.05.95 UPDATED SPECS.			С
09.07.95 CORRECTED DIMS. WHERE NOTED.			D
03.18.98 E.C.N. #10BRDR. & REDRAWN.			E
02.05.07 E.C.N. #11148.			F
02.14.11	E.C.N. #11695.		G

ELECTRO-OPTICAL CHARAC			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)		20		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLO	W/GREEN			
EPOXY LENS FINISH:	MILKY	WHITE DIFFUS	ED		

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
OPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+260	•C
2.0mm FROM BODY		3 SEC. MAX

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.039$	$ (\pm 0.020), \text{ X.XX} = \pm 0.25 (\pm 0.010), \text{ X.XXX} = \pm 0.127 (\pm 0.005). \text{ LEAD SIZE} = \pm 0.05 (\pm 0.002), \text{ LEAD LENGTH} = \pm 0.75 (\pm 0.030). \text{ MIN} = \\ \begin{array}{c} +\text{DECIMAL PRECISION} \\ -0.00 \end{array} \text{ MAX.} = \\ \begin{array}{c} +0.00 \\ -\text{DECIMAL PRECISION} \end{array} $	UNCONTROLLED	DOCUMENT

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

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DATE:	12.29.92	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]	(Pb)	

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