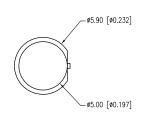
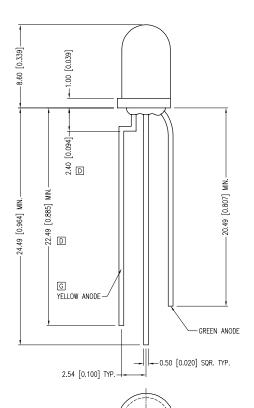
UNCONTROLLED DOCUMENT

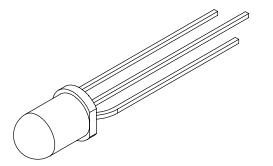




**──** 

- 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 <sub>f</sub> =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 <sub>f</sub>	
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100uA
AXIAL INTENSITY (Y/G)		20		mcd	I <sub>f</sub> =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: $X=\pm 1$ ( $\pm 0.039$ ), $X.X=\pm 0.039$	$ (\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.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\* CONFIDENTIAL INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. SECEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMMATION TO ALL THIRD PARTIES.

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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