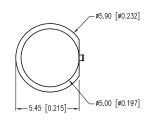
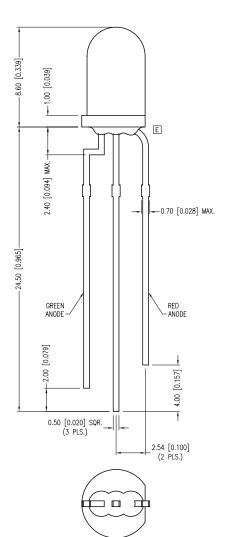
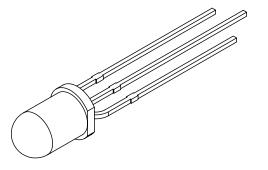
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5099GIW	REV.	E	
DATE E.C.N. NUMBER AND REVISION COMMENTS				
08.31.94 UPDATED SAFE OPER SPECS.				
04.05.95	CHG'D SPECS.		В	
09.07.95 CORRECTED DIMS WHERE NOTED.				
03.17.98	E.C.N. #10BRDR. & REDRAWN.		D	
02.01.12	E.C.N. #11804/#10BRDR. & REDRAWN.		E	

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 565/635 (G/R) (G/R) 2.2/2.0 FORWARD VOLTAGE 2.6/2.5 Vf REVERSE VOLTAGE ۷r Ir=100µA

AXIAL INTENSITY (G/R) 45/55 If=20mA mcd 2x theta VIEWING ANGLE 60 EMITTED COLOR: GREEN/RED LENS FINISH: MILKY WHITE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/R)	25/30	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.
1.1.10.0		

* t<10µS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRE	CISION 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= $^{+DECIMAL}_{-0.00}$ F	PRECISION MAX.= +0.00 -DECIMAL PRECISION	UNCONTROLL	ED DOCUMENT

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T-5mm (T-1 3/4) 565/635nm GREEN/RED LED, MILKY WHITE DIFFUSED LENS.

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

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DATE: 02.07.12 DRAWN BY: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: JD UNIT: mm [INCH] (Pb)