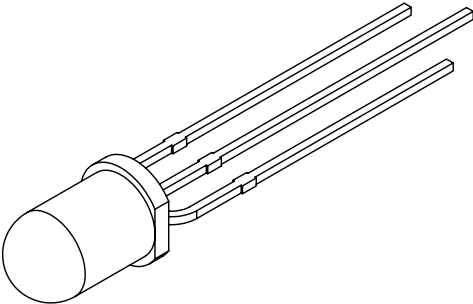
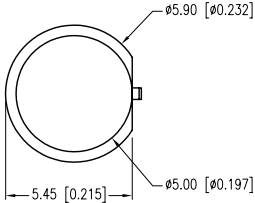


PART NUMBER	SSL-LX5099GIW	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.31.94	UPDATED SAFE OPER SPECS.		A
04.05.95	CHG'D SPECS.		B
09.07.95	CORRECTED DIMS WHERE NOTED.		C
03.17.98	E.C.N. #10BRDR. & REDRAWN.		D
02.01.12	E.C.N. #11804/#10BRDR. & REDRAWN.		E



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(G/R)	565/635		nm	
FORWARD VOLTAGE	(G/R)	2.2/2.0	2.6/2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	(G/R)	45/55		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
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.

* t<10µs

