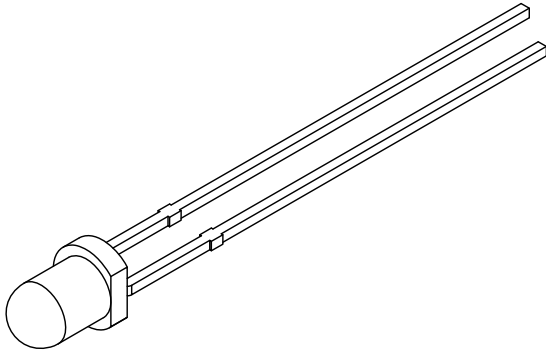
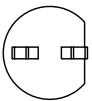
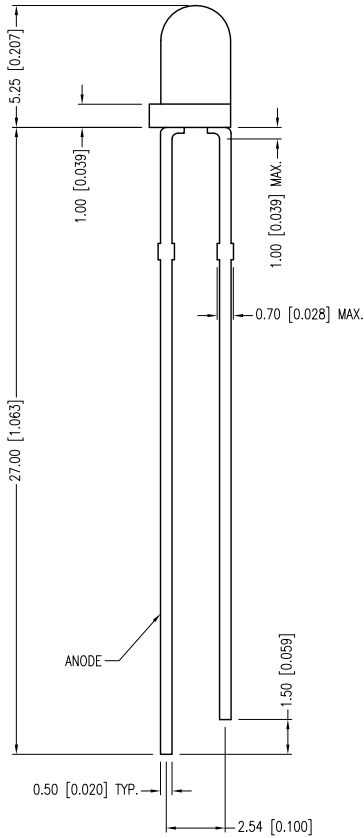
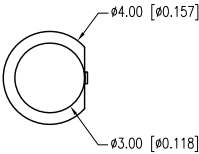




PART NUMBER	SSL-LX3054AD	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.25.95	REDRAWN AND UPDATED SPECS.		A
04.09.01	E.C.N. #10BRDR. & REDRAWN.		B
03.28.11	E.C.N. #10BRDR. & REDRAWN/#11703.		C

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	14	30		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER				
LENS FINISH:	AMBER DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	145	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	63	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

*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.= +^{DECIMAL PRECISION}-0.00 MAX.= +0.00-^{DECIMAL PRECISION}